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SECOND ROTAFORM INDEX
ISSUES 43 TO 66



INSTITUTE FOR SCIENTIFIC INFORMATION
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SPECIAL CUMULATIVE INDEX ISSUE

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Part 2 of 2

Index Chemicus

Index Chemicus is published every two weeks primarily reporting new chemical information. Original journal articles are abstracted "graphically" as well as verbally. This approach enables the individual chemist to quickly visualize molecular structures. Each bi-weekly issue contains author, molecular formula, journal and subject indexes which are prepared and printed on a high-speed electronic computer. These indexes are cumulated quarterly and annually. A rotated formula index, RotaForm, for retrospective scanning is published quarterly and cumulated annually.

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SECOND ROTAFORM INDEX
ISSUES 43 TO 66

INTRODUCTION

The following is a complete RotaForm Index to issues 43-66 of *Index Chemicus*. The first RotaForm Index to issues 1-42 proved to be a successful experiment. Publication of this second cumulative index was delayed pending an evaluation of the first experiment.

The RotaForm Index will now be a permanent feature of the *Index Chemicus*. However, it will only appear quarterly and be cumulated annually.

This second RotaForm Index was produced by use of new programs written for the IBM 1401 and 7074 computers.

In the RotaForm Index each molecular formula is indexed under each element it contains. For example, C_{17} H_{14} CL_5 K N_2 O_5 will be listed under CL_5 K N_2 O_5 C_{17} H_{14}, K CL_5 N_2 O_5 C_{17} H_{14}, N_2 CL_5 K O_5 C_{17} H_{14}, and O_5 CL_5 K N_2 C_{17} H_{14}. All elements except carbon and hydrogen in organic compounds are arranged in alphabetical order.

In this new RotaForm Index the format has been simplified. Single element group headings replace the two element headings in the first RotaForm Index to facilitate searching.

For effective retrieval in the RotaForm Index consider each element and its number of atoms in the search question and estimate which element-number combination might occur with the lowest frequency, in general. All molecular formulas which include the search parameters *will* be found under this rarest element-number heading with a minimum number of superfluous entries. But note, that when the search question allows for answers which may also include the presence of *other* unspecified elements, the formulas of relevant answers might be separated due to the alphabetic interposing of these extraneous elements. *For example, to search for all compounds containing* CL_{12}, N_2 *and* O_2 *(additional elements would be acceptable) simply examine the entries under* CL_{12} *since it would appear to be the rarest of the element-number combinations in the generic specification.* Where the generic search is based on element-number combinations which may occur with approximately equal frequency, begin with the entry headed by the element latest alphabetically in the search question. Search down through the index until the sub-entry is reached which begins with the earliest alphabetical element in the question sequence. *For example, to search for all compounds containing* N_5, O_7, P *and* S_2 *examine all entries under* S_2 *through listings starting with* N_5.

(continued)

There are no C-H headings since any carbon containing compound is also indexed in the conventional manner in the cumulative Molecular Formula Index. The Molecular Formula Index should be used when searching generically for compounds with a desired number of carbon atoms as e.g. all C_{17} compounds.

To save space, the article and compound numbers are omitted in the RotaForm Index. The presence of a molecular formula, however, indicates that such a compound has been indexed. To locate the abstract and compound serial numbers turn to the same entry in the Molecular Formula Index, where the abstract numbers are given.

One obvious use for this index is retrieval of all compounds containing an inorganic element such as vanadium, fluorine, or germanium. Many other uses are described in a recently published paper(1).

Copies of this paper are available free by writing the author care of the Institute for Scientific Information, 325 Chestnut St., Phila., Pa. 19106.

(1) *E. Garfield: Generic Searching by Use of Rotated Formula Indexes. J. Chem. Doc.*

Hydrocarbons

C2 H2
C2 H3
C2 H4
C3 H6
C4 H6
C4 H8
C5 H6
C5 H8
C5 H10
C6 H4
C6 H6
C6 H8
C6 H10
C6 H12
C7 H8
C7 H10
C7 H12
C7 H14
C8 H6
C8 H8
C8 H10
C8 H12
C8 H14
C8 H16
C8 H18
C9 H8
C9 H10
C9 H12
C9 H14
C9 H16
C9 H18
C10 H6
C10 H8
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C10 H12
C10 H13
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C10 H16
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C11 H10
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2

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C50 H34
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C54 H110
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C56 H44
C56 H82
C58 H40
C60 H26
C98 H70

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B F4 C4 H8
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B F4 C8 H16
B F4 C9 H18
B F4 C12 H24
B F4 N C18 H15
B F4 SB4 C72 H60
B S
B SE
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BR O C6 H4
BR O C8 H8
BR P2 C36 H30
BR3 O2 C7 H4
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CL O C6 H4
CL O C8 H8
CL O4 SB4 C72 H60
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CL C16 P4 C20 H36
CL2 O2 P S2 C12 H8
CL5 O C6
CL5 O2 C5
CL6 O2 C13 H9
D O2 C5 H6
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GE P C36 H30
GE P3 C72 H60
I P C18 H15
I P3 C54 H45
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N O2 S C23 H22
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N O4 G9 H14
N O6 P C17 H15
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N4 O4 S2 C34 H31
N4 O5 S C17 H9
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N5 C6
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N11 O9 C14 H10
O C10 H9
O3 C6 H9

4

AG

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O5 C16 H15
O6 P W
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P C11 H14
P C14 H20
SN

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AS4 I2 C20 H32
AS4 N2 O4 C20 H32
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CL2 N6 O8 C36 H30
CL4 N4 PT C4 H16
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N2 O2 C18 H12
N2 O4 C2 H2
N2 O4 C4 H6
N4 O8 C12 H20
N4 O8 PT C12 H24
N4 O8 PT C20 H40
N4 PT O4
N6 O7 C14 H16
O S2 SI2 C6 H16
O5 C13 H16

AG3

CO H6 N4 O10 S2
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GO N6 C6
LA N6 C6
N6 ND C6
N6 PR C6
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AG4

FE N6 C6

AL

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C8 H13
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C9 H15
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B2 N4 C8 H29
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BR O2 C6 H14
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BR S
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CL N8 C32 H16
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CL O C9 H22
CL O2 C2 H6
CL O2 C6 H14
CL O2 C8 H18
CL O4 C24 H46
CL O4 C32 H62
CL S
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CL2 N C9 H18
CL2 O2 C7 H5
CL2 O2 C12 H23
CL2 O2 C16 H31
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CL2 TI C2 H4
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CL3 O12
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CL3 SN2 C16 H40
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CL3 TI C12 H16
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CL4 O2 C4 H9
CL4 P C27 H24
CL4 SN C6 H15
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CL5 SN C4 H10
CL5 SN2 C12 H30
CL6 O6 C45 H27
CL6 SN C2 H5

5

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H8 N3 S
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I2 P C18 H26
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K C2 H8
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K C16 H36
K O4 SI4 C12 H36
LI C3 H10
LI C4 H12
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LI O C7 H20
LI O2 C8 H20
N C2 H6
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N2 O3 C21 H19
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NA C2 H8
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NA O C8 H20
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NA O4 SI4 C12 H36
NI2 SI
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O C12 H25
O C13 H27
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O2 SI C6 H15
O3 C15 H33
O3 C18 H39
O3 C21 H21
O3 SI C14 H33
O3 SI2 C8 H21
O4 C8 H17
O4 C10 H17
O4 C13 H21
O4 C14 H29
O4 SB SI4 C16 H48
O5 C19 H37
O5 P C9 H22
O5 P C21 H26
O6 C30 H27
O6 C36 H69
O6 C44 H85
O6 C45 H33
O6 C48 H93
O6 C66 H129
O7 P2 C9 H23
O8 SI5 C43 H55
O74 SI 72 C148 H441
P C16 H20
$13 C15 H39
$13 C18 H45

AL2

C12 H26
C21 H42
C27 H30
AS2 C28 H32

6

AL2

BA C16 H40
BA3 F6 FE2
BR6 O C8 H18
BR6 O C10 H22
CA C16 H40
CE2 CO15
CL2 O C9 H20
CL4 N2 SI2 C6 H20
CL4 O4 C5 H12
CL4 O4 C11 H24
CL6 O6 C9 H18
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ER4 O9
EU4 O9
FE2 H O10 P2
GD4 O9
H4 NA2 O10 SI2
HO4 O9
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N32 O3 SI2 C128 H64
NA2 O8 SI2
NA2 O10 SI3
NA2 O12 SI4
O4 C22 H44
O6 SI6 C18 H54
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O9 P2 C15 H36
O9 TB4
O9 TM4
O9 Y4
O9 YB4
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P2 C32 H64
SR C16 H40

AL3

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B4 HO O12
B4 ND O12
B4 O12 SM
B4 O12 TB
B4 O12 Y
B4 O12 YB
BR O4
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CL6 GA C12 H30
I O4
NB TI

AL4

CL4 N4 C48 H36
CL8 O10 C34 H72
H6 NA4 O17 SI3
H24 O28 P2 V2
H32 O32 P2 V2
I4 N4 C48 H36
N4 C12 H24
N4 C48 H40
N4 C52 H48
N4 O4 C52 H48

AL5

AG S8
BR O7
CU S8
I O7
LI S8
NA O8

AL6

CA4 F2 O12
CA4 O16 S
H6 NA8 O28 SI6
O24 SI18 C64 H172

AL7

NI3 SI7

AL8

CE FE4
N8 O24 C80 H200

AL10

CE2 MN7

AL21

CE4 CU13

AS

C7 H13

7

As
CONTINUED

C9 H13
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C11 H17
C13 H15
C15 H19
C16 H21
C17 H23
C24 H15
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AU C14 H20
B10 C12 H23
BE O3
BR C16 H20
BR C17 H20
BR C20 H22
BR O2 C14 H32
BR P C27 H25
BR2 C9 H15
BR2 C9 H19
BR2 CO C6 H15
BR2 PD S C6 H15
CE O3
CL C12 H10
CL C12 H12
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CL F4 O4 C4 H2
CL MN O4 C22 H15
CL N C22 H21
CL N O5 S C10 H15
CL O2 C12 H22
CL O2 PB C14 H16
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CL O3 PB C16 H18
CL O4 C16 H20
CL O4 C18 H24
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CL2 N C7 H8
CL2 O C6 H11
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CO I3 N2 C26 H24
CU O3 C8 H19
DY O3
ER O3
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F6 N O
F6 O C2 H3
F6 O C3 H5
F6 O C7 H5
F6 O6 C6 H3
F6 S C4 H5
F9 S C3
F9 SE C3
F13 3E C5
FE O4 C22 H15
GD O3
GE H5
H2 K N2
H5 SI
H7 SI2
H8 K N4
H9 SI3
I C10 H18
I C24 H16
I2 PD S C6 H15
I2 PT S C6 H15
I4 C3 H9
I4 C6 H15
I4 C18 H15
I4 C18 H33
K C12 H10
LA O3
LU O3
MN O4 3N C40 H30
MO N3 O5 C20 H30
MO O5 C11 H15
MO O5 C23 H15
MO O8 C8 H9
N C12 H10
N C23 H24
N C24 H26
N O C7 H8
N O2 C16 H32
N O3 C7 H10
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N O7 C8 H8
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N2 O5 S C10 H15
N2 O7 S C10 H13
N3 C12 H10
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N6 O8 S C18 H15
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NI O6 C9 H15
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As
CONTINUED

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E3 C19 H37
E3 C20 H36
E3 C20 H41
E3 C21 H39
E3 C22 H45
E3 C24 H45
E3 C27 H27
E3 P8 C13 H13
E3 PR
E3 S C25 H31
E3 SM
E3 Y
E3 YB
E4 C10 H17
E4 C16 H29
E4 C18 H33
E4 C23 H35
P C20 H18
P C28 H40
S C6 H15
S C9 H13
S C11 H17

    AS2

E7 H8
C14 H12
C16 H20
C24 H20
C26 H20
C26 H24
C27 H26
C28 H28
C29 H30
C30 H32
AL2 C28 H32
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BR2 CD C10 H16
BR2 CO C12 H30
BR2 CO O2 C36 H30
BR2 CU2 S2 C12 H30
BR2 HG C10 H16
BR2 PD C26 H24
BR2 PU C26 H26
BR2 PT C26 H26
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BR2 ZN C12 H30
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BR4 PT2 S2 C12 H30
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BR6 PT2 S2 C12 H30
CD CE2 C10 H16
CD I2 C10 H16
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CL6 MO O4 C4
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CO N2 O2 SE2 C38 H30
CO N4 O12 C38 H36
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CO N4 SE4 C52 H40
CO O4 C24 H20
CR O4 C30 H24
CW N4 O12 C38 H36
CW O4 C16 H36
CW2 I2 S2 C12 H30
CW2 O7 C16 H40
FE O3 C39 H30
GA2 C28 H32
HG I2 C10 H16
I O2 C12 H31
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MO N6 O4 C34 H60
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MO O4 C30 H24
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AS2

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N2 O10 PB C24 H20
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N4 O4 S2 C20 H26
N4 O14 S2 C22 H18
N4 O20 S4 C32 H24
N4 O22 S4 C32 H24
N12 O16 PB2 C36 H26
NI O2 C14 H30
NI O8 C8 H18
NI O8 C14 H30
O4 C9 H18
O4 CE7 H18
O4 C19 H22
O4 W C30 H24
O4 ZN C16 H36
O6 C7 H12
O6 C11 H12
O6 PB C18 H22
O6 PB C24 H22
O6 PB C26 H26
O6 U C16 H36
O8 C50 H52
O8 C54 H60
P2 PD C24 H40
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S2 C26 H24
S2 C27 H26
S2 C28 H28
S2 C29 H30
S2 C30 H32
S3 C2 H6

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CL3 O RE C42 H33
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I2 RE C42 H33
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MO O12 C12 H27
O8 C12 H21
O8 C16 H21

    AS4

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AG N O3 C20 H32
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AG2 CL2 C20 H32
AG2 I2 C20 H32
AG2 N2 O4 C20 H32
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B I PD C78 H62
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BR2 RE C54 H42
BR2 RU C54 H42
BR4 GA2 C54 H42
BR4 TI C20 H32
CD CL2 O8 C20 H32
CL N O4 PD S C55 H42
CL2 CO O12 C72 H60
CL2 HG O8 C20 H32
CL2 MO C20 H32
CL2 O4 PD C54 H42
CL2 O5 V C72 H60
CL2 O8 PD C52 H48
CL2 O8 ZN C20 H32
CL2 O10 U C32 H40
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CL4 V C20 H32
CL4 ZR C20 H32
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I2 RU C54 H42
MO O2 C54 H48
N2 O6 RU C54 H42
N2 PD 32 C56 H42
N2 RU 32 C56 H42
N4 C48 H40
NI C20 H32
O8 TH
O10 TH2
O12 C16 H24
O12 TH3
O16 V3 C84 H60
PD C20 H32

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MO2 O6 C84 H72
O6 W2 C84 H72

    AS8

H32 O100 W24

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CL I C12 H10
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I O2 C6 H5
O2 C6 H5

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C6 H5
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C8 H5
C9 HI1
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BR P C18 H15
BR4 P C4 H12
CL4 N C9 H12
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CL4 N O4 C9 H22
CL4 N O4 C13 H26
CL4 P C4 H12
ER
GE P C21 H24
GE P C36 H30
GE2 LI C36 H30
GE2 LI O4 C52 H70
GE2 LI O8 C52 H70
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P C21 H24
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P C26 H20
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PD
S8 C14 H20
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N6 O12 C12 H18
P2 C42 H34

    AU4

C24 H36

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C33 H69
C36 H69
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AG SE
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BR N C2 H7
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BR N O2 C12 H17
BR N2 C4 H16
BR O2 C6 H4
BR O2 C7 H6
BR O2 C8 H8
BR O3 C7 H8
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BR S C7 H16
BR S C8 H10
BR S C9 H20
BR2 N S7
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B

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BR5 N2 C6 H4
BR9 O3 C18 H6
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CL O3 C7 H8
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CR2
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CU SE
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F2 O2 C7 H5
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LI C36 H26
LI C38 H28
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S3 C18 H15

B2

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F4 N4 NI O4 P C20 H39
F4 N4 NI O4 P C26 H27
F4 N5 NI O4 C15 H23
F4 N6 NI O4 C8 H18
F4 N6 NI O4 C18 H22
F4 N6 NI O4 C18 H34
F6 K2 O4 S
F6 N2 C6 H8
F6 N2 C10 H10
F6 N2 C12 H12
F6 N2 C14 H16
F6 N2 O2 C14 H16
F6 N2 O3 C10 H8
F7 H5 N2
F8 FE

B2

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F8 FE N6 C12 H18
F8 H6 N2
F8 MN
F8 MN N4 C8 H12
F8 N4 C10 H24
F8 N4 NI C12 H32
F8 N4 O2 C14 H6
F8 N4 ZN C8 H12
F8 N7 NI C14 H21
F8 NI
F8 RU C12 H12
F8 ZN
FE N4 O4 C32 H32
H7 NA
H8 MG
HG C72 H52
MG C4 H16
N O4 C6 H13
N O4 P C2 H6
N O4 P C3 H8
N O4 P C4 H10
N O6 C16 H33
N2 C8 H22
N2 C12 H30
N2 C14 H24
N2 C16 H22
N2 C42 H38
N2 O C16 H18
N2 O3 C20 H22
N2 O4 C11 H24
N2 O4 C13 H28
N2 O4 C14 H30
N2 O4 C22 H30
N2 O4 C25 H36
N2 O4 C26 H38
N2 O4 C30 H46
N2 O4 P C1 H3
N2 O4 P C2 H5
N2 O4 P C3 H7
N2 O4 P C4 H9
N2 P2 C16 H40
N3 O6 C12 H27
N4 C4 H12
N4 C6 H16
N4 C8 H20
N4 C8 H24
N4 C10 H24
N4 C12 H14
N4 C12 H28
N4 C16 H36
N4 C16 H40
N4 NI C60 H72
N4 NI O4 C12 H24
N4 NI O4 C20 H40
N4 NI O4 C24 H48
N4 NI O4 C32 H32
N4 O C14 H12
N4 O C26 H20
N4 O4 PD C20 H40
N4 O4 PD C32 H32
N4 P2 PD2 C96 H76
NI O4
O C40 H28
O2 C10 H22
O4 C3 H10
O4 C4 H12
O4 C5 H14
O4 C6 H8
O4 C6 H16
O4 C7 H18
O4 C8 H20
O4 C10 H24
O4 C11 H12
O4 C12 H28
O4 C13 H30
O4 C14 H32
O4 C18 H36
O4 C19 H42
O4 C20 H44
O4 C22 H40
O4 C22 H44
O4 C25 H50
O4 C28 H60
O4 SN C12 H20
O4 ZN C14 H22
O5 C12 H24
O5 C14 H28
O5 C22 H28
O6 C6 H12
O6 C9 H18
O6 C14 H28
O6 C15 H30
O6 C16 H32
O6 C18 H36
O6 SN C9 H18
O6 ZN C5 H8
O12 S3
O75 W24
P2 C36 H34
P6 PD2 C124 H108
PB C72 H52
S4 C7 H18
S4 C11 H26
SE3

B3

BR6 O3 C24 H21
CA H O6
CL N3 SI2 C11 H31
CL2 N3 C24 H28
CL3 N O6 C26 H23
CL3 N3 O3 C18 H9
CL6 N C2 H6
CL9 O3 C21 H12
CR5
F H5 N3
F2 H4 N3
F3 H3 N3
F9 O3 C9 H12
F9 O3 C21 H12
FE C108 H78
H9 N6
MG C4 H19
N O3 C11 H14
N3 C3 H12
N3 C9 H18
N3 C27 H36
N3 C30 H42

B3 CONTINUED

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N3 C33 H33
N3 O2 C12 H30
N3 O2 C24 H30
N3 O3 C21 H18
N3 O3 C21 H21
N3 O3 C22 H24
N3 O3 C24 H26
N3 O3 C24 H27
N3 O3 C24 H28
N3 O3 C27 H33
N3 O3 C28 H36
N3 O3 C33 H30
N3 O3 C33 H45
N3 O3 C38 H56
N3 O3 C48 H75
N3 O6 C21 H18
N3 O12 P3 C6 H21
N3 O12 P3 C9 H27
N3 O12 P3 C12 H33
N3 O12 P3 C15 H39
N3 O12 P3 C18 H45
N3 O12 P3 C21 H51
N3 O12 P3 C24 H57
N3 S2 C12 H30
N3 S2 C15 H36
N3 S2 C16 H38
N3 S2 C18 H42
N3 S3 C18 H12
N3 SI3 C15 H42
N4 O3 C24 H29
N5 C10 H28
N5 C12 H32
N5 C14 H36
N6 C18 H15
N6 O3 C15 H30
N6 O3 C30 H36
O3 C24 H21
O3 P C5 H16
O3 S3 C15 H33
O5 C11 H27
O5 C13 H31
P C18 H22
P3 C6 H24
RU7
S3 C3 H15
S3 C6 H21
S3 C9 H27
S3 C12 H33

B4

C3 H10
C4 H12
C5 H14
AL3 DY O12
AL3 ER O12
AL3 EU O12
AL3 GD O12
AL3 HO O12
AL3 ND O12
AL3 O12 SM
AL3 O12 TB
AL3 O12 Y
AL3 O12 YB
BR4 N4 C16 H36
CL4 N4 C16 H36
CR3 GD O12
CR3 O12 SM
F2 N P C2 H14
F12 FE K4 N6 FE C6
F12 K2 N4 NI C4
MG
MO
N8 S4 C20 H36
W

B6

CA O10
CA2 O11
CO O10
MG
N6 SI4 C26 H70
N9 O6 C48 H57
N9 O6 C54 H69
NI O10

B7

CL MN3 O13
CL N7 O7 C44 H33

B8

F24 K4 MO N8 C8
MG2 O14
RU11

B9

BR P C12 H23
CL N C5 H17
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N C2 H20
N C4 H24
N C5 H18
N C6 H20
N C6 H28
N O C4 H22
N O C6 H20
N2 C4 H27
N2 C6 H17
P C12 H24
P C18 H28
P C19 H30

B10

C12 H42

B10

18

AS C12 H23
CL2 P2 C24 H32
CL6
CL9 N3 O S2 C14 H26
CS P C12 H22
CS2 O2 C1 H10
D4 C12 H38
D4 H10
D10 H4
H6 I10 O2
N C4 H27
N C6 H31
N P C16 H34
N P C18 H38
N P C22 H40
N S C5 H25
N S C8 H33
N2 C6 H26
N2 C6 H30
N2 C6 H32
N2 C7 H32
N2 C8 H34
N2 C8 H36
N2 C9 H28
N2 C9 H30
N2 C9 H36
N2 C10 H40
N2 O2 P C18 H37
N2 P2 C24 H36
N2 P2 C26 H40
N2 P2 C28 H40
N2 P2 C32 H52
N3 C10 H37
N4 P2 C24 H38
N6 P2 C24 H32
O2 P2 C24 H34
O2 P2 C26 H38
O2 P2 C28 H42
O4 P2 C28 H42
O4 P2 C28 H58
O6 P2 C12 H42
O6 P2 C36 H42
P C12 H23
P C19 H33
P S C15 H31
P2 S6 C12 H42
S2 C4 H20

B11

H13 RB2
H14 CS
H14 LI
H14 NA
H25 N4 ZN
N C6 H30
P2 C8 H35
S2 C6 H31

B12

BR11 C52 H O
BR12 N2 C8 H24
CL11
CL11 N2 C6 H18
CS2 C8 H20
CS2 D12
CS2 F4 H8
CS2 H11 N O2
CS2 H12
D12 NA2
H12 NA2
N12 O7 C128 H138
O26 C66 H76

B14

N14 O8 C134 H130

B16

N16 O9 C184 H338
N16 O10 C112 H180

B18

H22

B20

N2 C8 H42
N2 C12 H50

B64

N64 O34 C200 H212

BA

AL2 C16 H40
BR3 O4 P C2 H2
CO C8 H4
CO C32 H20
CL2 N O8 S2 C10 H3
CL2 O12 C8 H16
CL3 O4 P C2 H2
CL3 O4 P C3 H4
CL9 MG2 NA3
CO2 O10 C10
CR2 N4 O16 C28 H16
CR2 N4 O16 C32 H16
F3 O4 P C2 H2
FE3 O13 C13 H41
GE O3
HG C8 H4

Ba CONTINUED

19

HG C32 H20
K2 N4 O8
LA2 S4
MG O10 S14
N C19 H11
N C19 H13
N O5 C5
N2 C26 H16
N2 O4 C2 H2
N2 O6 V C14 H11
N2 O9 P C10 H13
N2 O9 P C12 H15
N2 O10 P C11 H15
N2 O12 P2 C34 H30
N2 O12 S2 C34 H32
N2 O12 S2 C44 H36
N2 PD C6 H2
N2 PD C8 H6
N2 PD C18 H10
N3 O8 P C10 H14
N3 O8 P C11 H16
N3 O9 P C9 H12
N3 O9 P C11 H16
N3 O11 P C18 H24
N4 O20 P2 C52 H56
N8 C24 H8-
N8 O10 P2 C12 H28
NA2 O12 P4
NA4 O18 P6
O C13 H6
O C13 H8
O C25 H16
O2 C1 H4
O2 C2 H6
O2 C26 H14
O2 C26 H18
O2 C50 H34
O3 C2 H8
O4 C4 H4
O4 C18 H30
O4 C24 H26
O4 C30 H22
O4 P C2 H5
O4 W
O5 C2 H12
O5 S C3 H4
O6 C2 H14
O6 C26 H34
O6 P S C4 H5
O6 P S C4 H7
O6 S2 C18 H18
O6 S2 C20 H26
O6 TA2
O7 C12 H12
O7 P C5 H9
O7 P C5 H11
O8 P C5 H9
O8 P2 C18 H20
O8 S4 C14 H10
O9 TI C4
O9 ZR C4
O12 C14 H22
O14 C14 H22
O14 S2 C32 H26
O14 S2 C42 H30
O14 ZR2 C4 H6
O16 C22 H30
O16 S2 C12 H22
O18 C18 H22
O18 S2 C80 H78
O24 C24 H38

BA2

B2 O5
BR N
FE O7 C5 H17
GE O4
K N5 O10
MG17
N6 O8 P2 C7 H14
N6 O8 P2 C8 H16
O10 S14

BA3

AL2 F6 FE2
CR2 H6 O18 P6
CU O40 W12
N6 O18 P2 C18 H22
O6 W
O7 C4 H16

BA4

FE2 H16 O15

BA5

CR2 O80 W24
FE2 O8
FE2 O16 C5 H26

BA6

CA6 MG O39 C13
CA7 O39 C13
FE2 O22 C5 H36
I9 N

BE

AS O3
BR2 N2 C10 H8
CA2 O7 S12
CL2 N2 C10 H8
CL2 O2 C4 H10
CL2 S2 C4 H10
CL2 S2 C4 H12

BE

20

CL2 S3 C6 H18
CL2 S3 C12 H30
CL2 S3 C24 H54
F4 N2 O2
I2 N2 C10 H8
LI N4 C20 H16
N C2 H3
N2 C2 H6
N2 C5 H12
N2 C8 H22
N2 C12 H14
N2 C12 H16
N2 C14 H18
N2 C14 H20
N2 C22 H18
N2 O4 C2 H2
N2 O4 C12 H12
N2 O6 C12 H8
N2 O6 S C4 H10
N2 O8 C52 H92
N3 O3 C21 H13
N4 C20 H16
N4 O6 S C2 H8
N6 O7 S C3 H12
O2 C6 H16
O3 C4 H8
O3 C7 H4
O4 P C17 H17
O4 P2 C24 H20
O6 C14 H10
O6 TA2

BE2

CL N C16 H40
CO2 O10 C10
CS F C8 H20
F R8 C8 H20
F5 R8
N4 C10 H28
N4 C12 H32
NA2 C8 H22
O5 C5 H12
O8 P2 C34 H34

BE3

AL CS FE MG NA
N6 O6 C42 H24

BE4

N3 O13 C12 H27
N3 O13 C18 H39
N3 O13 C24 H51
N7 O16 C16 H45
N7 O16 C30 H73
O11 C11 H24
O13 C12 H18
O13 C30 H42
O13 C36 H54
O13 C42 H66
O13 C60 H48

BE5

O13 C13 H30

BE8

O26 C91 H68
O26 C92 H70
O26 C93 H72

BE13

SC

BI

C21 H21
AG CL O4 C18 H15
BR3 C18 H12
CL O4 C18 H18
CL4 N4 O C40 H39
CR H O5
F O
F3 C3 H6
F6 C3 H3
I4 K
I4 N C16 H24
I4 N O2 C16 H14
I4 N O2 C18 H18
N3 O6 C18 H12
O3 C21 H21

BI2

O6 W
O12 W3
RH

BI4

FE7 LI16 N42 C23

BI5

FE3 N21 O9 C18

B16

21

O12 W

BI16

FE9 N66 O36 C54

BI20

FE16 N96 NA4 C96

BI22

FE15 N96 O18 C90

BR

C4 H7
C5 H7
C6 H9
C6 H11
C7 H11
C7 H13
C7 H15
C8 H7
C8 H9
C8 H11
C8 H13
C8 H15
C9 H9
C9 H17
C10 H7
C10 H13
C10 H17
C11 H11
C11 H15
C11 H17
C11 H19
C11 H21
C12 H11
C12 H17
C12 H19
C12 H23
C13 H9
C13 H13
C13 H21
C14 H13
C14 H17
C15 H27
C15 H31
C16 H9
C16 H13
C16 H15
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C22 H17
C24 H23
C26 H15
C26 H17
C26 H19
C28 H21
C39 H25
AG O C6 H4
AG O C8 H8
AG P2 C36 H30
AL O
AL O2 C2 H6
AL O2 C4 H10
AL O2 C6 H14
AL O2 C8 H18
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AL3 O4
AL5 O7
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AS C17 H20
AS C20 H22
AS O2 C14 H32
AS P C27 H25
AS2 MN O3 C13 H16
AU P C3 H9
AU P C18 H15
B CL F4 N2 O2 C14 H5
B CL3 F4 N2 C6 H1
B CL4 N2 C6 H4
B F2 O2 C10 H10
B F7 N2 C6 H1
B N C2 H7
B N C6 H17
B N O2 C12 H17
B N2 C4 H16
B O2 C6 H4
B O2 C7 H6
B O2 C8 H8
B O3 C7 H8
B O3 C12 H10
B O4 C9 H10
B S C5 H12
B S C7 H16
B S C8 H10
B S C9 H20
B9 P C12 H23
BA2 N
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CA C2 H5
CA C4 H9
CA C6 H5
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CL C9 H6
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CL C14 H10
CL C14 H12
CL C15 H14
CL C26 H16
CL CO2 N8 O8 C34 H30
CL CU N4 O5 C15 H18
CL CU N4 O5 C16 H20
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CL D4 C3 H2
CL F C6 H9

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CL N O2 C8 H5
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CL N O2 C18 H15
CL N O2 C22 H17
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CL N O2 S C11 H15
CL N O2 S C16 H11
CL N O2 S2 C9 H5
CL N O3 C8 H5
CL N O3 C8 H7
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CL O P S C4 H9

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CL O6 C16 H14
CL O6 C17 H16
CL O6 C18 H18
CL O6 C19 H18
CL O6 C19 H20
CL O6 C20 H22
CL O6 C23 H20
CL O6 C26 H26
CL SI C9 H12
CL SN C8 H18
CL2 C14 H9
CL2 C15 H11
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CL2 CO N4 O4 C4 H16
CL2 CR N4 O3 C4 H16
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CL2 N3 C17 H18
CL2 N5 S C16 H18
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CL3 O C6 H4
CL3 O C7 H4
CL3 O C7 H6
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CL3 O2 C11 H6
CL3 O2 C13 H8
CL3 S C7 H4
CL3 SI C18 H12
CL4 C3 H1
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CL4 N O2 C5 H2
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CL4 O3 C5 H1
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CL5 O2 C8 H2
CL5 O2 C13 H6
CL6 C12 H9
CL10 S2 C7 H5
CL12 N O2 C20 H6
CO N4 O4 C26 H16
CO N4 O4 C27 H18
CO N4 O5 C28 H24
CO N4 O7 C26 H16
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CO N6 O4 C6 H16
CO N6 O4 C8 H20
CO N6 O4 S C19 H24
CO N6 O4 S C21 H26

CO N6 O6 S C14 H22
CO N6 O7 C18 H26
CO N6 O7 C20 H30
CO N6 O7 C22 H34
CO N7 O4 S C16 H23
CO N7 O6 S2 C17 H23
CO N8 O4 S2 C15 H30
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BR2

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CL O6 C16 H13
CL O6 C17 H15

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FE N6 C48 H42
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FE O2 P2 C14 H30

BR2

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N2 ZN C15 H12

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BR2

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O8 C26 H36
O8 C33 H34
O8 C50 H82
O8 C63 H62
O8 P2 ZN C24 H54
O8 S4 C16 H24
O8 TC2 C8
O9 C42 H36
O9 C71 H70
O10 C63 H70
O10 C79 H78
O11 SI12 C26 H76
O16 S8 C96 H64
O29 SI30 C62 H184
O51 SI52 C106 H316
O59 SI60 C122 H364
P C26 H23
P C30 H25
P C31 H21
P C32 H27
P2 C18 H22
P2 C24 H26
P2 C30 H32
P2 C38 H32
P2 C41 H40
P2 C42 H42
P2 C44 H38
P2 C60 H50
P2 PO C24 H18
P2 PO C24 H22
P2 PO C25 H22
P2 ZN C12 H30
P3 PO C36 H33
P4 PO C28 H48
P4 PO C50 H44
P4 PO C52 H48
P4 PO2 C48 H42
S C4 H4
S C12 H10
S2 C14 H12
S3 C28 H16
SE C6 H6
SE2 C14 H6
SI C8 H18
SI C25 H20
SI2 C6 H16
SN C5 H10
SN C14 H28
SN C30 H26
```

BR3

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C6 H11
C8 H5
C8 H7
C9 H15
C9 H17
C11 H7
C12 H9
C16 H9
C16 H11
C25 H25
AG O2 C7 H4
AL O C8 H18
AL O C10 H22
AL O2 C20 H44
AS3 O RE C42 H33
B N O3 C22 H23
B N O3 C23 H17
B O3 C18 H12
BA O4 P C2 H2
BI C18 H12
CA O4 P C2 H2
CD N2 C18 H15
CL N O C8 H5
CL N O P C26 H20
CL O2 C8 H4
CL O5 C24 H16
CL O6 C16 H12
CL2 O2 C8 H3
CL3 C5 H6
CL3 O2 C8 H2
CL4 O4 C23 H29
CO N3 C15 H26
CO N5 O2 C4 H23
CO N6 C6 H24
CO N6 C8 H26
CO N6 O9 C36 H24
CO N9 S3 C3 H15
CO2 N6 NI S6 C12 H36
CO3 N6 S6 C12 H36
CR N3 O3 C33 H33
CR N3 O3 C36 H39
CR N4 O2 C12 H20
CU3 N2 C6 H12
CU3 N2 C8 H16
EU
F N O2 C17 H15
```

BR3

46

```
F N2 O S C15 H8
F N2 S C16 H10
F N4 O5 C21 H14
F N4 O6 C21 H14
F N4 O6 C22 H16
F N4 O7 C22 H14
F N4 O7 C22 H16
F N5 O5 C23 H19
F O2 C15 H10
F O3 C15 H10
F O3 C16 H12
F O4 C16 H10
F O4 C16 H12
F3 C3
FE O6 C42 H24
FE O6 C54 H30
GE C3 H5
GE I C18 H12
H6 N2 SC
H12 N4 SC
H13 N3 O2 SC
HG N O C14 H12
HG N2 C4 H9
HG P C20 H20
HG2 C16 H14
IN O2 C14 H8
IN O2 C18 H10
LA
LI NA2
MN O5 SN C5
MO N8 O4 C4 H16
MO N12 O6 C6 H24
N C5 H1
N C8 H8
N C16 H18
N C18 H20
N C19 H22
N C20 H24
N C24 H16
N U C9 H12
N U C10 H6
N O C27 H18
N O2 C13 H16
N O2 C19 H20
N O2 S C13 H24
N O3 C14 H13
N PO S C12 H30
N PT S C12 H30
N SC C6 H15
N2 C16 H11
N2 O2 C10 H5
N2 O2 C17 H13
N2 O2 PT C4 H13
N2 O5 S C18 H19
N2 O13 C35 H31
N2 O15 C29 H29
N2 PT C8 H23
N2 PT C10 H27
N2 PT C13 H25
N2 PT C13 H31
N2 SN C14 H17
N2 TI C6 H18
N2 TL C10 H8
N2 V C6 H18
N2 ZN C18 H15
N2 ZN C19 H13
N3 C18 H44
N3 C22 H48
N3 C24 H24
N3 C24 H52
N3 C32 H52
N3 O2 C22 H48
N3 TI C15 H15
N4 C6 H3
N4 C23 H17
N4 SC C16 H44
N5 O SE C24 H20
N5 O SE C29 H22
N5 O SE C30 H24
N5 O2 P S C31 H25
N5 O2 SE C20 H18
N5 O2 SE C21 H20
N5 O2 SE C24 H20
N5 O3 SE C21 H20
N5 O3 SE C22 H22
N5 SE C28 H20
N5 SE C29 H22
N5 SE C32 H22
N8 C32 H15
NA O8 P2 ZN C24 H54
O C4 H5
O C16 H15
O C20 H25
O C21 H9
O C24 H15
O P2 RE C36 H30
O SI C2 H5
O SI C3 H7
O2 C5 H1
O2 C5 H3
O2 C8 H11
O2 C8 H13
O2 C9 H15
O2 C11 H5
O2 C16 H13
O2 C16 H29
O2 C18 H33
O2 C21 H29
O2 C22 H29
O2 P C21 H18
O2 ZN C4 H9
O3 C8 H5
O3 C10 H9
O3 C15 H11
O3 C16 H15
O3 C17 H9
O3 C21 H29
O3 S C7 H1
O4 C8 H3
O4 C22 H15
O4 C30 H37
O4 P C2 H4
O4 SI4 C8 H21
O7 S C17 H19
O7 S C22 H21
O8 C42 H47
O8 P2 C11 H9
O15 C29 H27
P C26 H22
P C31 H22
RE
```

Br3 CONTINUED

47

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SM
W
YB
```

BR4

```
C7 H8
C8 H4
C8 H12
C9 H8
C9 H12
C9 H16
C10 H12
C14 H10
C14 H22
C16 H8
C16 H12
C16 H14
C26 H12
C26 H14
C96 H40
AL O2 C4 H9
AS2 C26 H24
AS2 C28 H28
AS2 C30 H32
AS2 CO C38 H36
AS2 NI C38 H36
AS2 PT2 S2 C12 H30
AS2 TI C10 H16
AS4 GA2 C54 H42
AS4 TI C20 H32
AU P C4 H12
B N2 C6 H5
B N2 C7 H7
B N2 O C7 H7
B4 N4 C16 H36
CD CO N4 C8 H12
CD N4 C12 H10
CD N4 C14 H14
CD N4 O2 C14 H14
CD N6 O4 C12 H8
CL F3 C3
CL2 CU N2 O2 C22 H14
CL3 O4 C23 H29
CL8 C12 H8
CO N5 O2 C4 H16
CU N2 O2 C30 H32
CU N8 C32 H12
CU2 N4 C14 H14
F C2 H1
F2 O4 P C12 H5
F3 SI C9 H15
GA N4 O2 C29 H29
GA2 S4 C8 H20
GA2 S4 C8 H24
GA2 S4 C16 H16
GA2 S4 C16 H40
GA2 S4 C24 H56
GA2 S4 C48 H40
H18 IN2 N6
H24 IN2 N8
I8 MO6
I8 MO6 N2 C10 H10
MG2 O2 C6 H10
MG2 O3 C12 H24
MO O4 P2 C6 H6
N C15 H11
N C15 H21
N O3 C27 H11
N O4 C23 H27
N S C10 H8
N S C11 H10
N S C12 H12
N S C13 H14
N TI C3 H9
N2 O2 C8 H12
N2 O2 C14 H8
N2 O2 C14 H14
N2 O2 PT C4 H12
N2 O2 TI C12 H14
N2 O4 TI C14 H14
N3 O3 C12 H5
N3 V C12 H26
N4 C18 H16
N4 C30 H20
N4 O2 TI C16 H20
N4 O4 TI C28 H28
N4 O4 TI C32 H36
N4 O4 TI C36 H28
N4 O8 TI C28 H28
N4 PD2 C12 H16
N4 PT2 C12 H16
N4 SN C4 H16
N4 TI C10 H12
N4 TI C12 H16
N4 TI C16 H24
N4 TI C48 H40
N4 ZN C30 H34
N5 O2 C14 H11
N6 O4 TI C4 H10
N6 SN C6 H24
N8 C32 H14
N8 O4 TI C4 H16
N8 O8 TI C24 H24
N8 SN C8 H32
NA2 ZN
O C6 H1
O C9 H10
O C10 H14
O C27 H42
O RE
O2 C6 H10
O2 C7 H2
O2 C8 H4
O2 C8 H14
O2 C10 H8
O2 C11 H6
O2 C18 H18
O2 C18 H32
O2 C20 H36
O2 C22 H10
O2 C26 H12
O2 SN C14 H8
O2 SN C18 H10
O3 C10 H14
O4 C11 M8
O4 C14 H16
O4 C21 H38
O4 C24 H10
```

BR4

48

```
O4 C24 H12
O4 C25 H12
O4 C28 H42
O4 C28 H44
O5 C20 H12
O5 C21 H14
O5 C21 H24
O5 C22 H16
O5 C39 H72
O5 C46 H78
O6 C55 H100
O6 S2 C24 H16
O8 P4 C64 H128
O13 C32 H32
P C19 H15
S2 C28 H12
SN C7 H8
SN C14 H28
W
ZR
```

BR5

```
C8 H5
C16 H9
B N2 C6 H4
K7 N2 O6
N O2 C13 H14
N O4 C16 H17
N2 O4 C4 H3
N8 C32 H15
N8
N8 S C2 H6
N8 S C4 H10
N8 S2 C8 H16
O C6
O2 C12 H5
O2 C19 H7
P C4 H10
P C6 H14
RE
S TA C2 H6
S TA C4 H10
S2 TA C8 H16
TA
```

BR6

```
C10 H16
C12 H18
AL2 O C8 H18
AL2 O C10 H22
AS2 PT2 S2 C12 H30
B3 O3 C24 H21
CS2 MO
CU N2 O2 C22 H14
CU N2 O4 C24 H18
H12 N4 PT2
HG5 TE2
I8 MO6 N2 C10 H12
MO O3 P3 C6 H9
MO RB2
N O3 C31 H11
N O7 C24 H17
N3 P3
N4 NI O4 C16 H32
N4 O2 O5 C22 H26
N4 V2 C8 H12
N8 C32 H12
N8 O4 O5 C46 H50
N8 O4 O5 C52 H62
N8 O4 O5 C58 H58
O2 C19 H6
O4 C28 H10
O4 C29 H12
O5 C39 H70
O5 C46 H76
```

BR7

```
HG2 P3 C66 H72
N P2
N8 C32 H11
O12 C29 H25
```

BR8

```
CL4 MO6
CL6 MO6 N2 C10 H12
H4 MO6 O4
H8 MO6 O6
I4 MO6
I6 MO6 N2 C10 H12
I6 MO6 N2 C16 H40
MO12 N4 O44 TI C36 H24
MO12 N4 O44 ZR C36 H24
N4 P4
N8 C32 H10
```

BR9

```
B O3 C18 H6
MO2 RB3
N P2
N3 O3 C9 H6
```

BR10

```
N8 C32 H8
O5 C39 H66
O5 C46 H72
```

BR11

```
B12 CS2 H O
K4 MO2
```

Br12

49

```
B12 N2 C8 H24
N8 C32 H6
O5 C39 H64
O5 C46 H70
```

BR13

```
N8 C32 H5
```

BR14

```
MO6 N2 C16 H40
N8 C32 H4
```

BR16

```
CU N8 C32
N8 C32 H2
```

C

```
F4 N2 O
N5 O3 S C1 H12
N6 O8 S2 C30 H20
O C11 H13
```

CA

```
AL2 C16 H40
B2 H16 N4
B2 O4
B3 H O6
B6 OI0
BR C1 H3
BR C2 H5
BR C4 H9
BR C6 H5
BR N2 O9 P C9 H10
BR2 N2 C4 H14
BR3 O4 P C2 H2
CL C2 H5
CL C4 H9
CL C6 H5
CL N O4 P C5 H13
CL N2 O9 P C9 H10
CL N3 O5 P C15 H27
CL N3 O6 C9 H12
CL2 N2 C4 H14
CO2 O10 C10
F3 O4 P C2 H2
F12 P2
H K3 O8 P2
I C1 H3
I C2 H5
I C3 H7
I C4 H9
I C5 H11
I C6 H5
I C7 H7
I N2 O9 P C9 H10
I S C4 H3
I2 N2 C4 H14
LA2 S4
N O4 P C2 H6
N O4 P C3 H8
N O4 P C4 H10
N O4 P C6 H14
N2 O4 C2 H2
N2 O12 P2 C16 H18
N2 O18 P2 C17 H24
N3 O5 P C12 H20
N3 O5 P C13 H22
N3 O5 P C14 H24
N3 O5 P C16 H28
N3 O12 P2 C9 H13
N4 O2 C10 H18
N4 O6 P S C19 H21
N4 O9 P2 S C19 H22
N4 O9 P2 S C20 H24
N6 O7 P C14 H19
N6 O10 C24 H40
NA O9 P3
NA2 O12 P4
NA4 O18 P6
O2 C26 H18
O3 P C1 H3
O4 C2
O4 P TH
O6 C12 H10
O6 TA2
O8 P C6 H11
O8 S4 C14 H10
O9 TI C4
O18 C18 H22
```

CA2

```
B6 O11
BE O7 S12
CL4 N2 O C1 H4
GE2 O9 Y2
H16 O32 V9
N3 O15 P3 C8 H10
O9 SI2 Y2
```

CA3

```
BR2 N4 O24 P4 C18 H20
CL2 N4 O24 P4 C18 H20
CR2 H6 O18 P6
CS2 O16 S4
I2 N4 O24 P4 C18 H20
N4 O24 P4 C32 H34
N6 O24 P4 C18 H24
```

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O16 R82 S4

    CA4

AL6 F2 O12
AL6 O16 S
GA2 O5 S2
GA2 O6 S

    CA6

BA6 MG O39 C13

    CA7

BA6 O39 C13

    CA8

H2 O24 P6
O23 P6

    CA9

O24 P6

    CD

C14 H14
AL CL4
AS2 BR2 C10 H16
AS2 CL2 C10 H16
AS2 I2 C10 H16
AS4 CL2 O8 C20 H32
BA C8 H4
BA C32 H20
BR2 N2 C6 H8
BR2 N2 C10 H10
BR2 N2 C12 H14
BR2 N2 C14 H18
BR2 N2 C16 H22
BR2 N2 C18 H14
BR2 N2 C20 H18
BR2 N2 O2 C14 H18
BR2 N2 O2 C16 H22
BR2 O2 C14 H8
BR2 O2 C18 H10
BR3 N2 C18 H15
BR4 CO N4 C8 H12
BR4 N4 C12 H10
BR4 N4 C14 H14
BR4 N4 O2 C14 H14
BR4 N6 O4 C12 H8
CL N2 O4 C6 H14
CL2 C12 H8
CL2 N O C6 H11
CL2 N O2 C3 H7
CL2 N2 C10 H10
CL2 N2 O2 H2
CL2 N4 NI2 S4 C8 H24
CL2 O2 C16 H16
CL2 O24 C20 H52
CL4 N2 C10 H12
CL4 N8 O2 C80 H78
CO I4 N4 C8 H12
H6 CL2 H6 N2
MG I4 N4 NI2 S4 C8 H24
MG2 N6 S6 C12 H6
I C6 H5
I2 C2 H4
I2 N2 C6 H8
I2 N2 C10 H10
I2 N2 C12 H14
I2 N2 C14 H18
I2 N2 C20 H18
I2 N2 O2 C14 H18
I2 N4 C4 H16
I2 O2 P2 C38 H50
I4 N4 C12 H10
I4 N4 C14 H14
K N3 O3 SE6 C12 H18
K N3 SE3 C3
K2 N4 C4
K2 N4 O2 SE4 C10 H12
K2 N4 SE4 C4
K4 N6 O12 SE6 C30 H48
K4 N6 SE6 C6
MO N10 C8 H6
MO N12 C8 H8
N O2 C13 H9
N O4 C5 H7
N2 C12 H14
N2 O2 C2 H6
N2 O4 C2 H2
N2 O4 C4 H6
N2 O4 C6 H12
N2 O4 C12 H24
N2 O6 C10 H12
N2 O8 C10 H16
N2 O8 S C6 H14
N3 O6 C9 H19
N4 C9 H24
N4 O4 C2 H6
N4 O8 C12 H26
N10 W C8 H6
N12 O16 S4 C21 H54
N12 W C8 H8
O2 C16 H18
O2 C18 H22
O4 C18 H32
O6 C10 H16
O6 U2
SE
TE

    CD2

CL4 N4 NI2 S4 C8 H24
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MO N8 O2 C8 H4
MO N10 C8 H6
MO N12 C8 H8
N3 O12 C15 H23
N4 O4 C36 H20
N5 O4 C8 H7
N5 S C21 H25
N7 O14 C17 H37
N10 W C8 H6
N12 W C8 H8
O7 U2

    CD3

CR2 H6 O18 P6

    CD4

BA6 MG O39 C13

CL3 N18 S3 C57 H59
CL4 N4 S4 C8 H24
N6 O C18 H18
N7 O C15 H13
N7 O C17 H17
N12 S3 C63 H74

    CD5

K6 O32 S8

    CD6

CL2 N15 O2 C55 H63
N9 S C24 H21
N10 O2 C28 H24
N13 C43 H23
N15 O2 C43 H49

    CD8

CL5 N25 C135 H152

    CD10

FE9 N70 C54 H64
K2 O44 S11

    CE

AL8 FE4
AS O3
CL3
CL3 O C1 H4
CL3 O C4 H10
CL3 O2 C2 H8
CL3 O2 C6 H16
CL3 O3 C3 H12
CL3 O3 C6 H18
CL3 O3 C9 H24
CL3 O3 C12 H30
CL3 O3 C15 H36
CL3 O4 C4 H16
CR H3 O9 P3
CR N9 O6 S6 C24 H15
I3
N4 O4 C34 H32
N12 C36 H12
O4 C8 H8
O4 C12 H28
O6 C24 H21
O6 P3 C18 H42
O8 C32 H28
12 NA6 O12

    CE2

AL2 CO15
AL10 MN7
CO17
O8 C24 H56
O10 C24 H24
O22 S7 C196 H302

    CE4

AL21 CU13
GA2 O9

    CI

N O4 C12 H10

    CL

C2 H3
C3 H5
C4 H5
C4 H9
C5 H7
C5 H9
C6 H9
C6 H11
C6 H13
C7 H11
C7 H13
C8 H7
C8 H9
C8 H11
C8 H13
C8 H15
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C8 H17
C9 H9
C9 H11
C9 H15
C9 H17
C10 H7
C10 H9
C10 H11
C10 H15
C10 H17
C10 H19
C11 H11
C11 H13
C11 H15
C11 H19
C11 H21
C12 H11
C12 H13
C12 H15
C12 H17
C12 H19
C13 H9
C13 H11
C13 H13
C13 H17
C13 H23
C14 H13
C14 H17
C14 H19
C15 H11
C15 H13
C15 H15
C15 H17
C15 H19
C15 H23
C16 H9
C16 H11
C16 H13
C16 H17
C17 H19
C17 H23
C17 H27
C17 H29
C17 H31
C18 H13
C18 H17
C18 H19
C19 H23
C19 H31
C20 H15
C21 H15
C21 H27
C22 H15
C22 H29
C24 H23
C25 H17
C25 H35
C26 H17
C27 H21
C30 H23
C31 H21
C33 H23
C42 H29
AG AS4 O4 C20 H32
AG BI O4 C18 H15
AG N O4 C18 H15
AG O C6 H4
AG O C8 H8
AG O4 SB4 C72 H60
AG O5 C19 H20
AG O16 P4 C20 H36
AL CO O C4 H10
AL N C5 H11
AL N8 C32 H16
AL NA O4 C13 H21
AL O C9 H22
AL O2 C2 H6
AL O2 C6 H14
AL O2 C8 H18
AL O4 C24 H46
AL O4 C32 H62
AL S
AL TI C14 H20
AS C12 H10
AS C12 H12
AS C14 H14
AS C16 H18
AS C17 H20
AS C18 H22
AS C24 H16
AS F3 C2 H3
AS F4 O4 C4 H2
AS MN O4 C22 H15
AS N C22 H21
AS N O5 S C10 H15
AS O2 C12 H22
AS O2 PB C14 H16
AS O3 PB C13 H14
AS O3 PB C16 H18
AS O4 C16 H20
AS O4 C18 H24
AS2 CU O4 S2 C12 H30
AS2 MN O3 C39 H30
AS3 I O4 PD C42 H33
AS3 O8 C10 H16
AS4 B PD C78 H62
AS4 N O4 PD S C55 H42
AT C12 H10
AT I C12 H10
B
B C7 H14
B BR F4 N2 O2 C14 H5
B F3 C19 H15
B F4 N2 O2 C14 H6
B F4 N2 O2 C15 H8
B F4 N2 O4 C15 H6
B N C3 H9
B N C4 H11
B N C8 H11
B N C11 H15
B N C19 H19
B N C21 H17
B N C29 H21
B N O C6 H15
B N O C15 H17
B N P C8 H20
B N SI C5 H15
B N SI C20 H21
B N2 C4 H12
B N2 C4 H16
B N2 C5 H12
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B N2 C6 H14
B N2 C8 H18
B N2 C8 H20
B N2 C12 H28
B N2 C16 H36
B N2 C22 H18
B N2 C24 H20
B N2 C24 H44
B N2 O2 C7 H6
B N2 O2 C12 H10
B N2 O2 C13 H12
B N2 O3 C13 H12
B N2 O5 C22 H16
B N3 O4 C12 H9
B N3 O4 C16 H11
B N10 C4 H12
B O C12 H8
B O C16 H18
B O2 C6 H4
B O2 C6 H14
B O2 C7 H6
B O2 C8 H18
B O3 C4 H8
B O3 C6 H6
B O3 C6 H12
B O3 C7 H8
B O4 C9 H10
B S C5 H12
B S C6 H14
B2 C11 H25
B2 F8 C10 H11
B2 F8 C12 H15
B2 N3 C6 H18
B3 N3 SI2 C11 H31
B7 MN3 O13
B7 N7 O7 C44 H33
B9 N C5 H17
Be2 N C16 H40
BI O4 C18 H18
BR C9 H6
BR C11 H14
BR C13 H18
BR C14 H8
BR C14 H10
BR C14 H12
BR C15 H14
BR C26 H16
BR CO2 N8 O8 C34 H30
BR CU N4 O5 C15 H18
BR CU N4 O5 C16 H20
BR D2 C3 H4
BR D4 C3 H2
BR F C6 H9
BR F N O2 C15 H10
BR F2 C2
BR F3 O C11 H9
BR F3 O C17 H13
BR N C5 H3
BR N C11 H9
BR N C15 H9
BR N C15 H13
BR N C20 H15
BR N O C3 H3
BR N O C7 H5
BR N O C7 H11
BR N O C8 H11
BR N O C9 H7
BR N O C9 H9
BR N O C10 H11
BR N O C12 H9
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CL CONTINUED

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LI S C6 H4
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N6 S2 PT C2 H14
N6 SI C24 H20
N6 ZN C2 H10
N7 C16 H17
N7 O2 C16 H21
N7 O2 C23 H25
N7 O4 P3 C16 H32
N7 O8 ZN C39 H25
N7 O11 S4 C26 H25
N7 P3 C16 H32
N8 C14 H24
N8 C16 H26
N8 C19 H34
N8 C22 H40
N8 C23 H42
N8 C24 H24
N8 C24 H44
N8 C38 H32
N8 NI O4 C10 H20
N8 O4 C38 H44
N8 O6 U C4 H16
N8 O8 PD2 C24 H26
N8 PT S4 C4 H16
N8 SI C32 H16
N10 O2 C24 H34
N10 O9 PT2 C7 H34
N10 O9 PT2 C11 H38
N10 O12 PT2 S3 C4 H34
N10 O12 PT2 S3 C8 H38
N12 NI O12 P4 C24 H72
N12 O12 P4 ZN C24 H72
NB4 O9
NI O4 S2 C22 H20
NI O14 S6 C12 H36
NI O14 S6 C24 H48
NI P2 C28 H30
NI P2 C30 H30
NI P2 C38 H34
NI P2 C40 H38
NI P2 C42 H42
O C3 H4
O C4 H6
O C4 H8
O C5 H6
O C5 H8
O C5 H10
O C6 H2
O C6 H10
O C6 H12
O C7 H4
O C7 H6
O C7 H12
O C7 H14
O C8 H6
O C8 H8
O C8 H10
O C8 H14
O C8 H16
O C9 H6
O C9 H8
O C9 H10
O C9 H12
O C9 H14
O C9 H16
O C9 H18
O C10 H8
O C10 H10
O C10 H12
O C10 H16
O C10 H20
O C11 H20
O C13 H24
O C14 H10
O C14 H12
O C15 H12
O C17 H16
O C19 H12
O C22 H24
O C27 H44
O P C3 H5
O P C3 H7
O P C4 H7
O P C5 H9
O P C6 H11
O P C7 H13
O P C8 H7
O P C8 H9
O P C8 H15
O P C9 H17
O P C10 H11
O P C10 H19
O P C11 H21
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CL2

100

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O P C13 H11
O P C14 H13
O P C21 H15
O P C32 H25
O P S C3 H7
O P S C4 H7
O P S C4 H9
O P S C5 H9
O P S C5 H11
O P S C6 H13
O P S C7 H15
O P S C8 H9
O P S C10 H19
O P S2 C3 H7
O PT C6 H10
O S C3 H4
O S C5 H8
O S C6 H6
O S C7 H4
O S C7 H8
O S C8 H10
O S C9 H8
O S C9 H12
O S C11 H8
O S C12 H10
O S C13 H8
O S C14 H8
O S C14 H10
O SE C10 H20
O SE C12 H24
O SE C16 H12
O SE C16 H16
O SI C3 H8
O SI C7 H8
O SI2 C4 H12
O SI2 C5 H14
O SI2 C9 H14
O TE C18 H16
O2 C3 H2
O2 C4 H4
O2 C4 H6
O2 C5 H4
O2 C5 H8
O2 C6 H6
O2 C6 H8
O2 C6 H10
O2 C7 H4
O2 C7 H12
O2 C8 H4
O2 C8 H6
O2 C8 H8
O2 C8 H14
O2 C8 H16
O2 C9 H6
O2 C9 H8
O2 C9 H10
O2 C9 H12
O2 C9 H14
O2 C9 H16
O2 C10 H8
O2 C10 H10
O2 C10 H12
O2 C10 H18
O2 C10 H20
O2 C11 H6
O2 C11 H8
O2 C11 H12
O2 C11 H22
O2 C12 H8
O2 C12 H10
O2 C12 H14
O2 C12 H20
O2 C13 H8
O2 C13 H12
O2 C14 H8
O2 C14 H10
O2 C15 H8
O2 C15 H10
O2 C15 H14
O2 C16 H14
O2 C17 H10
O2 C17 H16
O2 C17 H18
O2 C18 H12
O2 C18 H20
O2 C19 H12
O2 C19 H22
O2 C20 H14
O2 C21 H14
O2 C21 H16
O2 C21 H28
O2 C21 H30
O2 C22 H12
O2 C22 H18
O2 C22 H24
O2 C22 H28
O2 C22 H30
O2 C22 H32
O2 C22 H34
O2 C23 H20
O2 C23 H28
O2 C24 H12
O2 C24 H22
O2 C25 H30
O2 C26 H26
O2 C28 H16
O2 C30 H26
O2 C30 H44
O2 C36 H20
O2 C38 H26
O2 P C3 H7
O2 P C5 H9
O2 P C6 H11
O2 P C7 H11
O2 P C8 H9
O2 P C17 H17
O2 P C22 H21
O2 P C22 H25
O2 P C23 H23
O2 P C24 H25
O2 P C26 H21
O2 P C26 H29
O2 P C27 H23
O2 P S C14 H13
O2 P S2 C12 H9
O2 P S3 C10 H13
O2 P S3 C18 H13
O2 P2 RE C21 H33
O2 P2 RE C22 H35
O2 P2 RE C27 H37
O2 P2 RE C30 H35
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CL2 CONTINUED

101

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O2 P2 RE C37 H33
O2 P2 RE C38 H35
O2 P2 RE C42 H37
O2 PD2 C10 H18
O2 PD2 C12 H18
O2 PD2 C60 H50
O2 S C4 H8
O2 S C5 H6
O2 S C5 H8
O2 S C6 H2
O2 S C7 H4
O2 S C7 H6
O2 S C7 H8
O2 S C8 H6
O2 S C8 H8
O2 S C9 H8
O2 S C9 H10
O2 S C10 H8
O2 S C10 H10
O2 S C11 H8
O2 S C13 H8
O2 S C14 H10
O2 S C15 H10
O2 S C16 H12
O2 S C16 H14
O2 S C16 H16
O2 S C17 H16
O2 S2 C6 H12
O2 S2 C7 H2
O2 S2 C8 H16
O2 S2 C12 H24
O2 S2 C16 H14
O2 S4 C14 H16
O2 SI C11 H16
O2 SI C14 H14
O2 SI3 C6 H18
O2 SI3 C7 H20
O2 SI3 C8 H22
O2 SI3 C16 H22
O2 SN C24 H18
O2 TE C23 H20
O2 TE C27 H22
O2 TI C4 H10
O2 ZR C4 H10
O3 C3 H2
O3 C5 H2
O3 C5 H4
O3 C5 H6
O3 C6 H4
O3 C6 H10
O3 C6 H12
O3 C7 H6
O3 C7 H10
O3 C7 H12
O3 C7 H14
O3 C8 H6
O3 C8 H14
O3 C8 H16
O3 C9 H6
O3 C9 H18
O3 C10 H10
O3 C10 H20
O3 C11 H8
O3 C11 H12
O3 C12 H10
O3 C12 H12
O3 C12 H16
O3 C13 H10
O3 C13 H12
O3 C14 H6
O3 C14 H10
O3 C14 H14
O3 C14 H46
O3 C15 H8
O3 C16 H10
O3 C16 H12
O3 C16 H14
O3 C16 H16
O3 C17 H8
O3 C17 H10
O3 C17 H12
O3 C18 H12
O3 C18 H14
O3 C19 H12
O3 C19 H14
O3 C20 H14
O3 C20 H16
O3 C20 H22
O3 C21 H16
O3 C22 H14
O3 C22 H18
O3 C22 H32
O3 C22 H34
O3 C23 H20
O3 C23 H32
O3 C24 H22
O3 C24 H32
O3 C24 H36
O3 P C5 H9
O3 P C5 H11
O3 P C6 H11
O3 P C9 H19
O3 P C11 H19
O3 P C12 H15
O3 P C15 H15
O3 P C16 H25
O3 P2 RE C27 H45
O3 P2 V C36 H30
O3 S C4 H6
O3 S C6 H10
O3 S C7 H2
O3 S C8 H6
O3 S C8 H14
O3 S C10 H18
O3 S C12 H8
O3 S C13 H16
O3 S C16 H12
O3 S SI C2 H6
O3 S2 C9 H4
O3 SI2 C4 H12
O3 SI4 C8 H24
O3 SI4 C9 H26
O3 SI4 C14 H36
O3 SI4 C23 H30
O3 TE C25 H22
O3 TE C29 H24
O3 TI C12 H14
O4 C5 H6
O4 C7 H4
O4 C7 H12
O4 C7 H14
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CL2

102

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O4 C8 H4
O4 C8 H6
O4 C8 H16
O4 C9 H8
O4 C9 H12
O4 C9 H14
O4 C10 H10
O4 C10 H14
O4 C10 H18
O4 C10 H20
O4 C12 H12
O4 C12 H14
O4 C12 H24
O4 C13 H12
O4 C14 H12
O4 C14 H14
O4 C14 H16
O4 C15 H12
O4 C15 H16
O4 C16 H10
O4 C16 H14
O4 C17 H12
O4 C17 H14
O4 C18 H10
O4 C18 H14
O4 C18 H16
O4 C19 H16
O4 C19 H18
O4 C20 H18
O4 C20 H20
O4 C21 H14
O4 C21 H20
O4 C21 H32
O4 C22 H24
O4 C23 H16
O4 C23 H34
O4 C24 H36
O4 C31 H30
O4 C33 H22
O4 C34 H18
O4 C36 H18
O4 C37 H26
O4 P C5 H11
O4 P C7 H15
O4 P C13 H9
O4 P C16 H19
O4 S C7 H4
O4 S C8 H4
O4 S C10 H8
O4 S C11 H12
O4 S C12 H12
O4 S C14 H8
O4 S C15 H10
O4 S C15 H16
O4 S C16 H12
O4 S C16 H16
O4 S C18 H20
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O4 S2 C8 H8
O4 S2 C10 H4
O4 S2 C14 H10
O4 S2 C18 H22
O4 SI5 C11 H32
O4 SI5 C30 H38
O4 SN C12 H22
O4 SN2 C28 H24
O4 SN2 C30 H44
O4 SN2 C38 H28
O4 TE C34 H30
O4 TH C16 H14
O4 TI C12 H12
O4 TI C16 H14
O4 TI C20 H18
O4 ZR C16 H14
O5 C8 H16
O5 C9 H8
O5 C10 H10
O5 C13 H12
O5 C14 H12
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O5 C21 H16
O5 C23 H20
O5 C25 H24
O5 C39 H38
O5 S C17 H16
O5 S C18 H18
O5 S C19 H12
O5 S C19 H18
O5 S C19 H20
O5 S C20 H22
O5 S C23 H20
O5 SI6 C14 H40
O5 SI6 C34 H48
O5 SI6 C37 H46
O6 C12 H10
O6 C13 H14
O6 C16 H10
O6 C16 H14
O6 C17 H16
O6 C18 H18
O6 C19 H16
O6 C19 H18
O6 C19 H20
O6 C20 H22
O6 C22 H18
O6 C23 H20
O6 C24 H18
O6 C25 H36
O6 C32 H16
O6 C36 H24
O6 C47 H46
O6 P2 C5 H12
O6 P2 C9 H20
O6 P2 PD C10 H18
O6 P2 PT C10 H18
O6 RH C15 H19
O6 S C17 H20
O6 S C27 H24
O6 S2 C18 H12
O6 S2 SI C2 H6
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CL2 CONTINUED

103

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O6 SI7 C26 H66
O6 SI7 C44 H54
O7 C13 H14
O7 C15 H18
O7 C15 H20
O7 C16 H16
O7 C16 H20
O7 C37 H26
O7 P2 C12 H10
O7 RH C18 H25
O7 SI8 C51 H62
O8 C22 H28
O8 C32 H16
O8 C63 H62
O8 P6 PD2 C76 H68
O8 RU C12 H12
O8 SI9 C58 H70
O8 SN C2 H6
O8 TC2 C8
O9 C71 H70
O9 SI10 C65 H78
O10 C21 H24
O10 C79 H78
O10 S C23 H28
O10 S2 C22 H10
O10 S2 C32 H28
O11 C87 H86
O12 C95 H94
O12 PB C8 H16
O12 SR C8 H16
O12 ZR2 C2 H12
O13 P4 V C72 H60
O15 TH2 C12 H12
O24 ZN C20 H52
O32 C53 H82
O32 C54 H84
O33 C55 H86
O33 C56 H88
O71 SI72 C144 H432
P C10 H13
P C12 H9
P C20 H15
P S C15 H23
P SI C12 H19
P ZN C2 H7
P2 PD C14 H24
P2 RE C36 H30
P2 SI C12 H28
P2 ZN C8 H22
P2 ZN C12 H30
P3 PD C26 H33
P4 PD2 C20 H50
P4 PD2 C32 H42
P4 PD2 C36 H50
P4 PD2 C40 H42
P4 PD2 C48 H42
P4 RE C52 H48
P6 PD2 C76 H68
PB C2 H6
PD C8 H8
PD2 C6 H10
PD2 C12 H18
PD2 C14 H22
PD2 C40 H40
PT C6 H10
RH2 C8 H16
RH2 C12 H24
S C4 H6
S C4 H8
S C5 H8
S C6 H12
S C8 H16
S C9 H8
S C12 H20
S2 C14 H12
S2 C15 H14
S2 C16 H14
S2 C28 H16
S2 SI2 C6 H16
S4 C28 H16
SE C4 H8
SE C6 H12
SE C44 H56
SE2 C14 H6
SI C1 H4
SI C2 H6
SI C5 H12
SI C6 H12
SI C7 H14
SI C7 H16
SI C8 H10
SI C8 H16
SI C9 H12
SI C13 H12
SI C19 H16
SI C24 H18
SI2 C5 H14
SI2 C6 H16
SI2 C8 H20
SI2 C9 H20
SI2 C14 H24
SI2 C20 H20
SI2 C30 H24
SI3 C8 H22
SI3 C10 H26
SI3 C12 H30
SI3 C14 H34
SI3 C16 H38
SI4 C11 H30
SI5 C14 H38
SN C2 H6
SN C4 H6
SN C4 H10
SN C16 H34
SN C26 H22
SN C30 H26
TE C16 H12
TE2 C28 H20
TI C12 H14
TI C14 H18
TI C22 H34
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CL3

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C3 H5
C5 H5
C5 H7
C7 H5
C8 H7
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CL3

104

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C8 H9
C9 H9
C9 H11
C9 H17
C10 H9
C10 H11
C11 H13
C12 H9
C12 H15
C13 H9
C13 H17
C14 H9
C14 H11
C15 H11
C15 H21
C17 H33
C20 H35
C21 H17
C21 H33
C41 H41
C137 H137
AL CO C4 H10
AL N C3 H11
AL O C4 H10
AL O C7 H16
AL O4 C12 H24
AL O4 C12 H32
AL O12
AL O20 C16 H32
AL SN C8 H20
AL SN2 C16 H40
AL TI C11 H13
AL TI C12 H16
AL3 CO O2 C13 H30
AS MO O5 C5
AS2 O RE C20 H30
AS3 O RE C42 H33
AS4 O RE C54 H42
B BR F4 N2 C6 H1
B F C19 H15
B F4 N2 C6 H2
B N C4 H11
B N C6 H15
B N C8 H11
B N O C3 H9
B N O3 C22 H23
B N O3 C23 H17
B N2 C4 H14
B N2 C5 H15
B N2 O C12 H10
B N2 O2 P C13 H11
B O C4 H10
B O S C12 H10
B O2 C7 H6
B O2 S C2 H6
B O2 S C12 H10
B O3 C18 H12
B O6 S2 C4 H8
B3 N O6 C26 H23
B3 N3 O3 C18 H9
BA O4 P C2 H2
BA O4 P C3 H4
BR C5 H6
BR C8 H8
BR C9 H10
BR C15 H12
BR D O C8 H5
BR F N2 O2 C17 H11
BR F N2 O2 C18 H13
BR F3 SI C9 H15
BR HG N C5 H5
BR I O4 C23 H29
BR N C6 H3
BR N O C8 H5
BR N O P C7 H4
BR N O S2 C9 H3
BR N O2 S2 C9 H3
BR N O4 P C25 H16
BR N S2 C9 H3
BR N2 O P C7 H5
BR N2 O P C14 H9
BR N4 C11 H18
BR N4 O4 C12 H8
BR N4 O4 C13 H10
BR O C6 H4
BR O C7 H4
BR O C7 H6
BR O2 C8 H4
BR O2 C11 H6
BR O2 C13 H8
BR S C7 H4
BR SI C18 H12
BR2 C3 H1
BR2 C21 H15
BR2 C26 H17
BR2 C28 H21
BR2 O C14 H8
BR2 F C3
BR2 F N2 O2 C18 H12
BR2 O C6
BR2 O P C20 H16
BR2 O S C13 H7
BR2 O2 C5 H1
BR2 O2 C13 H7
BR3 C5 H6
BR3 O2 C8 H2
BR4 O4 C23 H29
CO4 N18 S3 C57 H59
CE
CE O C1 H4
CE O C4 H10
CE O2 C2 H8
CE O2 C6 H16
CE O3 C3 H12
CE O3 C6 H18
CE O3 C9 H24
CE O3 C12 H30
CE O3 C15 H36
CE O4 C4 H16
CO HJ2 N5
CO H18 N6
CO H18 N6 O12
CO N4 C20 H16
CO N4 O4 C4 H16
CO N4 O8 C18 H24
CO N5 C6 H21
CO N5 C8 H23
CO N6 O14 C5 H26
CO N6 O16 C10 H34
CO N9 O12 S3 C3 H15
CO N9 S3 C3 H15
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CL3 CONTINUED

105

```
CO2 N C12 H13
CR H12 O6
CR H12 O18
CR N O5 C6 H19
CR N3 O3 C9 H21
CR N3 O3 C12 H27
CR N3 O3 C15 H27
CR N3 O3 C18 H33
CR N3 O3 C18 H39
CR N3 O3 C33 H33
CR N3 O3 C39 H33
CR N4 C8 H20
CR N4 O4 C16 H28
CR N4 O14 C12 H20
CR N6 C18 H24
CR O3 C12 H24
CR O5 P C5
CR O20 C16 H32
CU3 N2 C6 H12
CU3 N2 C8 H16
D C6 H2
D O C8 H6
D O2 C9 H8
D O2 C16 H14
D3 SI C7 H10
D6 K PT C3
EU
F C3
F C4 H4
F C5 H6
F N2 O2 C17 H12
F N2 O2 C18 H14
F N4 O4 C10 H8
F N4 O4 C11 H10
F N4 O4 C12 H12
F O C3 H4
F O C4 H4
F O C4 H6
F O C5 H6
F O C5 H8
F O C6 H8
F O2 C13 H8
F O4 S2 C6 H2
F2 N O2 C9 H6
F2 N O3 C8 H4
F2 N O3 C10 H10
F2 N O4 C17 H14
F2 N O5 C10 H8
F2 N2 O4 C17 H15
F2 N2 O6 C17 H13
F2 O C4 H5
F2 O C8 H5
F2 O2 C9 H5
F2 O2 C13 H7
F2 O3 C9 H5
F2 O4 C9 H5
F3 C6
F3 GE C1
F3 N O P C2
F3 N2 O P C8 H5
F3 O C4 H4
F3 O2 C9 H4
F3 SI C3 H4
F4 N C4
F4 N O C4
F4 P C1
F4 SI C2 H1
F5 N2 O S C6 H2
F6 N C5
F6 P C2
F6 SI C3 H1
F7 C11
F7 O C5
F8 N O3 C6
FE N2 O2 C12 H22
FE N6 O4 S C43 H35
FE O2 SN C7 H5
FE O6 S3 C33 H30
FE O20 C16 H32
FE2 O4 C32 H20
GA O20 C16 H32
GE C3 H5
GE C4 H7
GE C4 H9
GE C5 H9
GE C6 H11
GE C7 H7
GE I C18 H12
GE O C2 H5
GE O C3 H7
GE O C4 H9
H TI
H6 N2 SC
H6 N5 O4 PT
H9 N3 SC
H12 N4 RH
H12 N4 SC
H12 N5 O RU
H13 N3 O2 SC
H15 N4 O3 PT2
H15 N5 RU
H15 N5 SC
HG N C5 H6
HG N C13 H22
HG N2 C4 H9
HG N2 C5 H11
HG N2 C6 H13
HG N2 C8 H17
HG N2 O S C12 H9
HG N2 O2 S C12 H7
HG P C4 H12
HG3 O3 C5 H9
I C5 H6
I N O2 C13 H9
I N2 C10 H10
I N2 C18 H14
I N2 O P C7 H5
I N4 O S C28 H26
I2 N O3 C10 H6
I2 N O4 C11 H8
I2 O2 C5 H1
IN O12
IN O20 C16 H32
IR O P2 C37 H30
LA
MN N6 O18 C30 H24
MN O4 P SN C22 H15
MN O5 SN C5
MO N6 O3 C3 H12
MO N6 O12 C18 H24
MO N6 S3 C3 H12
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CL3 CONTINUED

106

```
MO N6 S3 C21 H24
MO N6 S3 C39 H36
MO O
MO O5 P C5
N C2
N C6 H4
N C6 H6
N C6 H8
N C8 H6
N C8 H12
N C8 H16
N C9 H8
N C9 H12
N C14 H10
N C24 H24
N ND O2 C3 H7
N O C4 H6
N O C5 H8
N O C6 H8
N O C6 H10
N O C7 H4
N O C8 H6
N O C8 H12
N O C9 H8
N O C9 H10
N O C10 H4
N O C10 H6
N O C11 H6
N O C11 H12
N O C11 H14
N O C12 H14
N O C12 H18
N O C13 H14
N O C13 H18
N O C17 H26
N O C19 H14
N O C19 H26
N O C19 H30
N O P C6 H5
N O P C7 H5
N O P C14 H11
N O P C26 H21
N O PT C7 H8
N O PT C13 H12
N O SI C6 H10
N O V C9 H7
N O V C10 H9
N O V C13 H9
N O2 C3
N O2 C3 H2
N O2 C4 H4
N O2 C5 H6
N O2 C6 H6
N O2 C6 H8
N O2 C7 H6
N O2 C7 H10
N O2 C8 H6
N O2 C8 H8
N O2 C8 H10
N O2 C8 H12
N O2 C9 H10
N O2 C9 H14
N O2 C10 H16
N O2 C11 H8
N O2 C11 H12
N O2 C12 H8
N O2 C12 H12
N O2 C12 H18
N O2 C13 H10
N O2 C13 H16
N O2 C15 H8
N O2 C15 H10
N O2 C16 H8
N O2 C16 H10
N O2 C17 H10
N O2 C18 H16
N O2 C18 H24
N O2 C19 H12
N O2 C22 H14
N O2 P C5 H11
N O2 P C6 H13
N O2 P C8 H7
N O2 P C10 H13
N O2 P C10 H19
N O2 P C11 H15
N O2 P C14 H11
N O2 P C14 H27
N O2 S C4 H8
N O2 S C5 H10
N O2 S C6 H4
N O2 S C7 H6
N O2 S C8 H8
N O2 S C9 H8
N O2 S C9 H10
N O2 S C9 H12
N O2 S C10 H12
N O2 S C10 H14
N O2 S C11 H6
N O2 S C11 H12
N O2 S C12 H8
N O2 S C12 H10
N O2 S C12 H14
N O2 S C12 H18
N O2 S C13 H10
N O2 S C13 H18
N O2 S C14 H14
N O2 S C14 H22
N O2 S C15 H18
N O2 S C16 H10
N O2 S C18 H12
N O2 S2 C9 H4
N O2 S2 C10 H4
N O2 S3 C14 H22
N O3 C3 H4
N O3 C4 H6
N O3 C5 H6
N O3 C5 H8
N O3 C6 H10
N O3 C7 H12
N O3 C11 H14
N O3 C12 H12
N O3 C13 H18
N O3 C19 H16
N O3 C28 H16
N O3 P C9 H9
N O3 P C10 H11
N O3 P C12 H17
N O3 P C14 H11
N O3 P S C10 H15
N O3 P S C11 H17
N O3 P S C27 H49
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N O3 P S C29 H53
N O3 S C8 H8
N O3 S C9 H6
N O3 S C11 H6
N O3 S C12 H14
N O3 S2 C12 H8
N O4 C5
N O4 C5 H6
N O4 C6 H8
N O4 C11 H12
N O4 C12 H10
N O4 C15 H10
N O4 C20 H18
N O4 P C6 H11
N O4 P C20 H15
N O4 P C25 H17
N O4 S C7 H4
N O4 S C9 H6
N O4 S C10 H12
N O4 S2 C10 H4
N O6 C14 H12
N O6 C22 H14
N O6 S2 C1 H2
N O6 S3 C11 H8
N O6 S3 C12 H10
N O6 S3 C15 H10
N O7 P C16 H27
N O11 P C18 H27
N P2 C36 H30
N P2 RE C26 H35
N S C6 H6
N S C8 H8
N S C12 H16
N S2 C9 H4
N S2 C9 H8
N S2 C10 H16
N S2 C11 H12
N SC C6 H15
N SI C7 H10
N SN C4 H12
N TI C7 H9
N ZN C7 H6
N2 C2 H3
N2 C5 H3
N2 C6 H5
N2 C7 H7
N2 C10 H5
N2 C13 H15
N2 C16 H17
N2 C21 H35
N2 C27 H19
N2 O C5 H1
N2 O C5 H3
N2 O C6 H5
N2 O C8 H9
N2 O C9 H15
N2 O C11 H19
N2 O C12 H15
N2 O C13 H17
N2 O C14 H19
N2 O C15 H15
N2 O C16 H23
N2 O C17 H15
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N2 O P C8 H8
N2 O P C10 H20
N2 O P C14 H10
N2 O P C15 H12
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N2 O S C9 H5
N2 O S C11 H7
N2 O S C13 H9
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N2 O V C12 H10
N2 O2 C5 H1
N2 O2 C6 H3
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N2 O2 C12 H11
N2 O2 C12 H13
N2 O2 C13 H17
N2 O2 C14 H17
N2 O2 C18 H23
N2 O2 P C6 H14
N2 O2 P C7 H6
N2 O2 P C8 H16
N2 O2 P C10 H20
N2 O2 P C11 H22
N2 O2 P C13 H10
N2 O2 P S C6 H14
N2 O2 P S C7 H4
N2 O2 P S C8 H14
N2 O2 S C6 H5
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N2 O2 S C11 H7
N2 O2 S C12 H9
N2 O2 S C13 H9
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N2 O2 ZN C17 H15
N2 O3 C7 H9
N2 O3 C8 H5
N2 O3 C13 H7
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N2 O3 S C7 H3
N2 O3 S C8 H7
N2 O3 S C11 H5
N2 O3 S C11 H7
N2 O3 S C13 H9
N2 O3 TL C28 H30
N2 O4 C41 H27
N2 O4 P C15 H22
N2 O4 S C10 H5
N2 O4 S C11 H5
N2 O4 S C13 H7
N2 O4 S C13 H9
N2 O5 S C11 H5
N2 O5 S C16 H15
N2 O5 S C18 H19
N2 O5 S2 C18 H19
N2 O6 C12 H9
N2 O6 P C25 H16
N2 O6 S C13 H7
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CL3

108

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N2 O10 C26 H33
N2 PT C6 H9
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N2 S C6 H5
N2 S C6 H9
N2 S C8 H7
N2 S C9 H5
N2 S C10 H5
N2 S C11 H7
N2 S2 C8 H5
N2 S2 C8 H11
N2 S2 C9 H7
N2 S3 C15 H9
N2 SN C14 H17
N2 TI C6 H18
N2 TI C12 H14
N2 TL C10 H8
N2 ZN C18 H15
N3 C4 H2
N3 C8 H10
N3 C9 H10
N3 C10 H6
N3 C11 H8
N3 C12 H10
N3 C12 H18
N3 C15 H8
N3 C24 H24
N3 C26 H30
N3 ND 06 C6 H15
N3 ND 06 C9 H21
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N3 O C10 H6
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N3 O S2 C20 H14
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N3 O2 S C11 H8
N3 O2 S C12 H6
N3 O2 S C12 H10
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N3 O3 C15 H14
N3 O3 C17 H14
N3 O3 P C7 H5
N3 O3 P C8 H7
N3 O3 P S C4 H3
N3 O3 S C10 H6
N3 O3 S3
N3 O4 C10 H8
N3 O4 C11 H10
N3 O4 P S C13 H9
N3 O4 S2 C8 H6
N3 O5 C11 H4
N3 O5 S2 C8 H8
N3 O6 TE C6 H15
N3 P3 C6 H15
N3 P3 S3 C6 H15
N3 PT C5 H10
N3 PT C6 H12
N3 RU C15 H15
N3 RU C18 H21
N3 S C5 H4
N3 S C5 H6
N3 S C7 H10
N3 S C14 H8
N3 S2 C6 H8
N3 S2 C9 H6
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N3 TI C6 H9
N3 TI C15 H15
N3 TI C18 H21
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N4 C10 H17
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N4 O2 C10 H5
N4 O2 C10 H7
N4 O2 C11 H7
N4 O2 C11 H9
N4 O2 PT C5 H17
N4 O2 PT C7 H11
N4 O2 RU C15 H14
N4 O3 C30 H37
N4 O3 C43 H31
N4 O3 S C12 H15
N4 O4 C10 H9
N4 O4 C32 H23
N4 O4 PT C8 H27
N4 O4 U C22 H21
N4 O5 C10 H9
N4 RH C4 H16
N4 RH C6 H18
N4 RH C12 H32
N4 RU C14 H17
N4 SC C16 H44
N4 TL C20 H16
N5 C8 H8
N5 C11 H12
N5 C15 H16
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N5 O2 P S C31 H25
N5 O2 PT C7 H16
N5 O4 C24 H18
N5 O4 PT C2 H8
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N5 O6 S2 C18 H16
N5 S C22 H32
N6 C21 H15
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N6 P3 C12 H24
N8 O3 RU C20 H39
N8 RU C12 H17
N8 RU C20 H33
N10 O12 C25 H31
NB O
ND
O C4 H5
O C5 H7
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CL3

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O C8 H5
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O C9 H9
O C9 H15
O C10 H11
O C12 H7
O C13 H9
O C14 H9
O C15 H11
O C15 H27
O C19 H31
O C20 H33
O C27 H43
O P
O P C8 H8
O P C10 H12
O P C20 H16
O P S C3 H6
O P S C4 H6
O P S C4 H8
O P S C10 H20
O P S2 C3 H6
O P SI3 C27 H36
O P2 RE C10 H24
O P2 RE C12 H30
O P2 RE C18 H42
O P2 RE C20 H30
O P2 RE C26 H24
O P2 RE C36 H30
O S C3 H3
O S C5 H1
O S C7 H3
O S C8 H7
O S C11 H5
O S C11 H7
O S C13 H7
O S2 C8 H11
O SE C11 H7
O SE C12 H9
O SI C2 H3
O SI C7 H7
O SI TI C1 H3
O SN C2 H15
O SN C5 H11
O SN C12 H9
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O2 C5 H1
O2 C5 H7
O2 C6 H5
O2 C6 H9
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O2 C21 H31
O2 C22 H29
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O2 P S C14 H12
O2 P S2 C9 H16
O2 S C1 H1
O2 S C2 H3
O2 S C9 H7
O2 S4 C14 H17
O2 SI2 C8 H19
O2 S12 C14 H31
O2 TE C23 H25
O2 TH C8 H7
O2 TI C8 H7
O2 TI C10 H9
O2 ZN C4 H9
O3 C5 H1
O3 C5 H7
O3 C6 H1
O3 C6 H9
O3 C6 H11
O3 C7 H11
O3 C8 H9
O3 C8 H11
O3 C8 H13
O3 C9 H5
O3 C9 H9
O3 C9 H13
O3 C9 H15
O3 C9 H17
O3 C10 H5
O3 C10 H7
O3 C10 H9
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CL3 CONTINUED

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O3 C13 H7
O3 C14 H9
O3 C14 H11
O3 C15 H7
O3 C16 H9
O3 C16 H17
O3 C18 H13
O3 C19 H15
O3 C20 H17
O3 C21 H19
O3 C21 H29
O3 C22 H13
O3 C23 H33
O3 C32 H51
O3 C32 H53
O3 P C8 H8
O3 P C13 H16
O3 S C8 H5
O3 S C12 H15
O3 S SI C1 H3
O3 S4 C16 H19
O3 S13 C6 H15
O3 TI C9 H18
O3 TI C12 H24
O3 V C14 H8
O3 V C18 H10
O3 V C20 H32
O3 V C26 H16
O3 V C26 H20
O4 C6 H7
O4 C7 H9
O4 C8 H3
O4 C8 H11
O4 C9 H13
O4 C10 H15
O4 C10 H19
O4 C11 H9
O4 C12 H17
O4 C12 H19
O4 C13 H11
O4 C16 H11
O4 C22 H15
O4 C22 H29
O4 C23 H29
O4 C23 H31
O4 C24 H33
O4 C25 H35
O4 C28 H41
O4 C30 H37
O4 P C2 H4
O4 P C3 H6
O4 P C5 H10
O4 P C7 H10
O4 P C7 H14
O4 P C8 H12
O4 P C9 H18
O4 P C11 H22
O4 P C13 H26
O4 P C15 H30
O4 P S2 C10 H16
O4 S C6 H5
O4 S C7 H3
O4 SE C14 H13
O4 SI3 C6 H17
O4 TI C8 H16
O4 V C12 H32
O5 C13 H11
O5 C16 H13
O5 C24 H35
O5 P C6 H10
O5 P C8 H14
O5 P C10 H18
O5 P C12 H22
O5 P W C5
O5 S C12 H13
O6 C12 H11
O6 C16 H13
O6 C17 H15
O6 C25 H31
O6 P C11 H22
O6 P C14 H14
O7 SI8 C18 H51
O8 C13 H21
O9 S3 C24 H15
O12 P4 RH C20 H36
O18 C27 H35
O18 C42 H41
O19 C28 H35
O20 SC C16 H32
P C4 H10
P C5 H8
P C6 H14
P C12 H8
P C25 H20
P RE C10 H15
P RE C18 H15
P S C6 H4
P3 RE C30 H45
P3 RE C36 H39
P4 RE C52 H48
PR
S C5 H7
S C7 H5
S C8 H7
S C10 H11
S C11 H7
S C11 H13
S C12 H15
S2 V C4 H12
S2 V C8 H20
S3 C9 H15
SI C1 H3
SI C2 H3
SI C3 H5
SI C5 H11
SI C6 H5
SI C6 H11
SI C7 H13
SI C8 H7
SI C8 H9
SI C8 H15
SI C8 H17
SI C12 H9
SI C18 H13
SI C20 H15
SI C21 H17
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CL3

111

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SI C24 H17
SI C30 H37
SI C34 H45
SI C36 H49
SI2 C4 H11
SM
SN C1 H3
SN C2 H5
TE C12 H15
TE C16 H17
TI C10 H15
YB
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CL4

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C3
C3 H2
C5 H8
C6 H4
C6 H6
C7 H4
C7 H8
C7 H12
C8 H4
C8 H6
C8 H8
C8 H14
C9 H8
C9 H10
C9 H12
C9 H16
C10 H4
C10 H10
C10 H12
C14 H8
C14 H10
C17 H32
C26 H18
C29 H20
C49 H48
C97 H96
C281 H280
AG2 N4 PT C4 H16
AL CD
AL MN O6 C6
AL O2 C4 H9
AL P C27 H24
AL SN C6 H15
AL TC C12 H12
AL TI C10 H10
AL2 N2 SI2 C6 H20
AL2 O4 C5 H12
AL2 O4 C11 H24
AL4 N4 C48 H36
AS N2 V C23 H24
AS V C19 H18
AS2 CO C38 H36
AS2 CU C38 H36
AS2 FE C38 H36
AS2 MN C38 H36
AS2 PT2 S2 C12 H30
AS2 TI C10 H16
AS2 ZN C38 H36
AS4 GA2 C54 H42
AS4 HF C20 H32
AS4 MO O4 C72 H60
AS4 TI C20 H32
AS4 V C20 H32
AS4 ZR C20 H32
AU N C9 H12
AU N O2 C7 H16
AU N O4 C9 H22
AU N O4 C13 H26
AU P C4 H12
B C14 H13
B C19 H15
B BR N2 C6 H4
B FE N2 C4 H16
B FE N2 C14 H20
B FE N2 C16 H24
B FE N2 C20 H32
B N O C6 H6
B N2 C6 H5
B N2 C7 H7
B N2 C12 H11
B N2 C14 H15
B N2 O C7 H7
B N3 O2 C6 H4
B O P C12 H10
B2 C3 H6
B2 C4 H8
B2 C5 H10
B2 C6 H12
B2 N2 C4 H14
B2 O2 C3 H6
B2 O2 C4 H8
B2 P2 C8 H20
B4 N4 C16 H36
B1 N4 O C40 H39
BR C3 H1
BR N O C8 H4
BR N O2 C5 H2
BR N8 C26 H29
BR O2 C19 H7
BR O3 C5 H1
BR2 CU N2 O2 C22 H14
BR2 N4 NI C38 H24
BR2 O2 C9 H8
BR2 O2 C19 H6
BR2 SN C28 H20
BR3 O4 C23 H29
BR8 MO6
CA2 N2 O C1 H4
CD N2 C10 H12
CD N8 O2 C80 H78
CD2 N4 NI2 S4 C8 H24
CD4 N4 S4 C8 H24
CO2 N6 C18 H24
CO2 N8 O4 C50 H32
CO3 C20 H20
CR2 F H28 N9 O17
CR2 H29 N9 O2
CR2 N10 O S C1 H28
CS MO O
CU N2 O2 C22 H16
CU N4 ZN C12 H24
CU N4 ZN C12 H26
CU N8 S2 C24 H30
CU N8 S2 C26 H34
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CL4 CONTINUED

112

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CU2 N4 C14 H14
D O C8 H5
F N2 O2 C17 H11
F2 C6
F2 O C4 H4
F2 O C8 H4
F2 O2 C9 H4
F4 N6 C8
F4 O C5 H4
F4 O C6 H6
F4 O C7 H8
F4 O2 C10 H6
F4 S C6
F6 N O2 P C5
F6 O S C2
F8 O C6
FE GE O6 C15 H21
FE K
FE N O C14 H12
FE N4 O C40 H39
FE O C19 H19
FE O C30 H23
FE O2 C16 H13
FE O6 C22 H25
FE2 N8 O C48 H32
FE2 N8 O4 C40 H32
GA N4 O C40 H39
GA N4 O2 C23 H25
GA N4 O2 C29 H29
GA2 S4 C8 H20
GA2 S4 C8 H24
GA2 S4 C16 H16
GA2 S4 C16 H40
GA2 S4 C24 H56
GA2 S4 C48 H40
GA2 SE4 C16 H32
GE C3 H6
GE C4 H8
GE C6 H4
H9 N3 O2 RU
H9 N3 PT
HG N4 C10 H22
HG N4 C16 H34
HG N4 C20 H26
HG N4 C22 H30
HG2 N S C4 H11
I N O2 C14 H12
I O4 C23 H29
I2 N2 O C13 H10
I2 N2 O4 S C19 H14
I8 MO6
I8 MO6 N2 C10 H10
K N8 O
K2 O2 U
K2 O5 U2
K2 O8 U3
MO
MO O R8
MO O6 P2 C8 H10
N C6 H7
N C12 H9
N C15 H21
N O C5 H3
N O C7 H3
N O C8 H5
N O C9 H7
N O C11 H7
N O C11 H11
N O C12 H7
N O C12 H9
N O C13 H7
N O C17 H11
N O C18 H13
N O C19 H13
N O P C4 H8
N O P C8 H6
N O P C14 H10
N O P C26 H20
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N O S2 C12 H9
N O S2 C12 H11
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N O S2 C18 H13
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N O2 C15 H15
N O2 C18 H13
N O2 P C6 H12
N O2 P C8 H6
N O2 S C7 H5
N O2 S C8 H7
N O2 S C11 H5
N O2 S C12 H7
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N O3 C10 H5
N O3 C19 H17
N O3 C20 H17
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N O3 C24 H11
N O3 C25 H13
N O3 C27 H11
N O3 P C14 H10
N O3 S C11 H5
N O4 C11 H11
N O4 C12 H7
N O4 S2 C8 H7
N O5 C15 H15
N O5 C18 H21
N O5 S C14 H15
N O5 S2 C22 H13
N P C6 H6
N RE C5 H7
N S2 C10 H7
N S2 C17 H13
N SI3 C25 H63
N TH C6 H7
N TI C3 H9
N TI C6 H15
N2 C8 H4
N2 C9 H12
N2 C13 H12
N2 C13 H14
N2 C15 H20
N2 O C13 H8
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CL4 CONTINUED

113

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N2 O C16 H10
N2 O P C4 H9
N2 O P C7 H5
N2 O S C9 H4
N2 O TI C3 H8
N2 O2 C5 H6
N2 O2 C9 H6
N2 O2 C9 H8
N2 O2 C11 H10
N2 O2 C12 H12
N2 O2 C13 H16
N2 O2 C15 H8
N2 O2 C16 H8
N2 O2 C16 H12
N2 O2 C20 H8
N2 O2 C20 H10
N2 O2 C27 H12
N2 O2 S C8 H16
N2 O2 S C12 H8
N2 O2 S2 C13 H10
N2 O2 S2 C21 H26
N2 O2 U C10 H10
N2 O2 ZR C12 H22
N2 O3 C17 H10
N2 O3 C22 H24
N2 O4 C10 H6
N2 O4 C24 H22
N2 O4 C28 H34
N2 O4 P2 C8 H6
N2 O4 S2 C14 H12
N2 O4 S2 C18 H20
N2 O4 S2 C24 H12
N2 O4 S2 C24 H16
N2 O4 S2 C24 H18
N2 O5 C18 H14
N2 O5 C19 H16
N2 O5 C20 H16
N2 O5 P2 C20 H26
N2 O5 P2 C22 H30
N2 O6 C22 H20
N2 O6 S2 C26 H34
N2 O6 S2 C32 H18
N2 PO SE2 C24 H16
N2 PT C5 H8
N2 PT2 C26 H38
N2 RE C10 H10
N2 S C3
N2 S C10 H4
N2 S TI C5 H12
N2 SE C6 H6
N2 SI C10 H8
N2 TE C4 H10
N2 TE C5 H6
N2 TE C8 H12
N2 TE C10 H14
N2 TE C10 H16
N2 TE C10 H22
N2 TE C12 H14
N2 TE C14 H18
N2 TE C16 H22
N2 TE C18 H14
N2 TE C20 H30
N2 TE C24 H22
N2 TE C26 H26
N2 TI C4 H6
N2 TI C10 H10
N2 TI C18 H14
N3 C6 H5
N3 C10 H5
N3 C12 H9
N3 C26 H29
N3 O C8 H9
N3 O2 C6 H3
N3 O3 C12 H5
N3 O3 C15 H7
N3 O4 S2 C8 H5
N3 O4 S2 C8 H7
N3 O5 S2 C8 H7
N3 P3 S2 C4 H10
N3 P3 S2 C6 H14
N3 P3 S2 C8 H18
N3 P3 S2 C12 H10
N3 PT C5 H11
N3 PT C7 H11
N3 RU C15 H16
N3 RU C18 H22
N3 S4 SB
N3 V C12 H26
N4 C10 H18
N4 C12 H22
N4 C19 H18
N4 NI O4 C16 H34
N4 NI ZN C12 H26
N4 NI ZN C12 H28
N4 O TL C40 H39
N4 O2 C5 H4
N4 O2 C7 H8
N4 O2 C10 H18
N4 O2 C11 H20
N4 O2 C16 H22
N4 O2 C18 H16
N4 O2 C46 H34
N4 O2 PT C2 H8
N4 O2 PT C4 H20
N4 O2 PT C6 H10
N4 O2 PT C7 H12
N4 O2 SN C22 H24
N4 O2 TI C2 H8
N4 O2 TI C6 H16
N4 O2 U C20 H18
N4 O2 U C24 H18
N4 O4 C13 H10
N4 O4 C14 H16
N4 O4 C16 H18
N4 O4 C30 H40
N4 O4 C32 H44
N4 O4 C34 H18
N4 O4 C37 H46
N4 O4 P2 C12 H26
N4 O4 P2 C26 H38
N4 O4 P2 C38 H58
N4 O4 PT C8 H28
N4 O4 PT2 C8 H28
N4 O4 S2 C10 H22
N4 O4 S2 C12 H24
N4 O4 S2 C14 H30
N4 O5 C17 H10
N4 O6 C10 H10
N4 O7 C20 H18
N4 O8 PT2 C20 H44
N4 O8 S2 C10 H4
```

CL4

114

```
N4 O17 S2 C22 H40
N4 P4 S4 C8 H20
N4 P4 S4 C12 H28
N4 P4 S4 C16 H36
N4 P4 S4 C24 H20
N4 PD2 C12 H16
N4 PT C8 H20
N4 PT C12 H18
N4 PT2 C4 H16
N4 PT2 C8 H20
N4 PT2 C10 H16
N4 PT2 C12 H16
N4 PT2 S4 C16 H22
N4 PT2 S8 C12 H24
N4 RH C6 H19
N4 S2 C12 H8
N4 S2 TI C2 H8
N4 SN C4 H16
N4 TH C8 H20
N4 TH C10 H12
N4 TH C16 H24
N4 TH C20 H28
N4 TH C20 H32
N4 TH C20 H44
N4 TH C28 H36
N4 TH C32 H44
N4 TH C40 H60
N4 TH C48 H44
N4 TH C52 H52
N4 TI C4 H16
N5 C9 H5
N5 C14 H11
N5 O2 P3 C8 H16
N5 O2 PT C7 H13
N5 P3 C8 H16
N6 O2 C16 H8
N6 O2 C24 H28
N6 O4 C18 H26
N6 O4 S2 C12 H24
N6 O22 U C18 H42
N6 O22 U C24 H54
N6 PT C8 H20
N6 PT2 C4 H18
N6 PT2 C8 H26
N6 PT2 S6 C8 H20
N6 SN C6 H24
N6 TI C6 H24
N8 C26 H30
N8 C27 H32
N8 O2 SN C80 H78
N8 O2 ZN C80 H78
N8 O4 S2 C38 H32
N8 O24 U C24 H56
N8 O28 P4 S4 TH2 C44 H24
N8 SN C8 H32
N8 TI C8 H32
N12 SI C56 H60
NA NB O
NB
O C4 H4
O C6
O C6 H6
O C6 H8
O C7 H6
O C9 H6
O C9 H10
O C10 H14
O C11 H4
O C11 H8
O C13 H10
O C13 H12
O C16 H14
O C19 H16
O C20 H18
O C27 H42
O P S C3 H5
O P S C4 H5
O P SI C4 H9
O P SI C5 H11
O RE
O S2 C10 H6
O SI TI C1 H4
O SI2 C4 H10
O SI2 C6 H14
O SN C4 H8
O2 C4 H4
O2 C5 H2
O2 C5 H4
O2 C5 H6
O2 C5 H8
O2 C6 H6
O2 C6 H8
O2 C7 H6
O2 C7 H10
O2 C8 H4
O2 C8 H6
O2 C9 H6
O2 C9 H10
O2 C10 H4
O2 C11 H6
O2 C12 H8
O2 C13 H6
O2 C13 H8
O2 C13 H10
O2 C13 H14
O2 C18 H8
O2 C18 H18
O2 C21 H28
O2 C22 H10
O2 C26 H12
O2 C26 H14
O2 C30 H12
O2 C38 H24
O2 P C8 H15
O2 P C22 H19
O2 P C23 H21
O2 P C27 H21
O2 P2 C3 H6
O2 S C8 H2
O2 S C9 H6
O2 S C13 H6
O2 S2 C10 H4
O2 S2 C12 H8
O2 S4 C14 H18
O2 SN C8 H16
O2 TI C4 H8
O2 TI C8 H16
O3 C10 H6
O3 P C8 H15
O3 P C13 H9
O3 P C14 H9
```

CL4 CONTINUED

115

```
O3 S C5 H8
O3 S C8 H4
O4 C6 H2
O4 C8 H2
O4 C8 H4
O4 C9 H12
O4 C10 H8
O4 C10 H18
O4 C12 H12
O4 C14 H16
O4 C16 H10
O4 C18 H14
O4 C21 H20
O4 C23 H30
O4 C24 H10
O4 C25 H12
O4 P C4 H3
O4 P C5 H5
O4 P C6 H7
O4 P2 P8 S4 C24 H16
O4 S C13 H8
O4 S2 C12 H6
O4 S2 C13 H8
O4 S2 C17 H16
O4 SI4 C8 H20
O4 SN C12 H20
O4 SN2 C28 H22
O5 C10 H2
O5 C21 H16
O5 SI4 C8 H22
O6 C16 H12
O6 C17 H14
O7 P2 C24 H16
O7 S2 C5 H6
O8 C10 H8
O8 C14 H4
O8 C18 H12
O8 SI8 TI C16 H48
O9 C14 H16
O9 P2 C12 H24
O10 C31 H26
O10 SI9 TI C63 H72
P C1 H3
P2 C6 H4
P2 C6 H12
PD2 C8 H12
PD2 C56 H40
S C5 H2
S C6 H4
S C7 H4
S SN C4 H8
S SN C6 H10
S SN C6 H12
S SN C6 H14
S2 SN C8 H16
S2 SN C12 H20
S2 SN C12 H24
S2 SN C12 H28
S8 C34 H6
SE C10 H20
SE C16 H12
SI C5 H10
SI C7 H6
SI C24 H16
SI2 C8 H10
SI2 C18 H14
SI2 C42 H30
SN C7 H8
SN TI C8 H20
SN2 TI C16 H40
TE C8 H6
TE C14 H10
TE C16 H12
```

CL5

```
C2 H1
C3 H1
C4 H5
C7 H3
C9 H15
C15 H11
C15 H25
AG O C6
AG O2 C5
AL SN C4 H10
AL SN2 C12 H30
B C7 H4
B F4 N2 C6
BR C5 H6
BR FE N6 C41 H30
BR O C12 H8
BR O S C8 H2
BR O2 C5
BR O2 C8 H2
BR O2 C13 H6
BR2 O C9 H7
CD8 N25 C135 H152
CR2 H28 N9 O
CR2 H30 N9 O2
CR2 H31 N10 O
CS N2 PT C5 H6
CS2 H2 O TI
F2 N O3 C8 H2
F2 O C8 H3
F3 C3
F5 C11
GE SI C3 H7
H2 IR K2 O2
H2 K2 O TI
H2 O RB2 TI
H8 N3 O RU
H10 N2 O TI
HG2 N2 C1 H5
HG2 N2 C5 H11
HG2 N2 O C4 H11
HG2 N3 C4 H10
HG2 P C4 H12
IN TL2
K2 NB O
N C6 H6
N O C7 H2
N O C9 H6
N O C11 H6
N O C11 H10
N O C13 H6
N O P C7 H13
N O P C8 H5
N O RB2 RU
```

CL5

116

```
N O SB C3 H7
N O2 C5 H2
N O2 C12 H10
N O2 C13 H14
N O2 C14 H12
N O2 C16 H12
N O2 S C12 H6
N O2 S2 C8 H6
N O3 C20 H16
N O3 S C13 H8
N O4 S2 C8 H6
N S C8 H6
N S C10 H10
N S C12 H14
N S2 C9 H6
N S2 C11 H10
N SB C6 H7
N SB C8 H11
N2 N8 O C11 H15
N2 O P C14 H12
N2 O S C9 H3
N2 O2 C11 H9
N2 O9 P U C4 H10
N2 PT C5 H7
N2 TE C4 H11
N2 TE C5 H7
N3 PT C5 H8
N4 C9 H3
N4 O P3 C4 H8
N4 P3 C4 H8
N4 P4 S4 C12 H27
N4 RH C6 H20
N5 C15 H6
N5 PT C4 H20
N6 S8 SB
NB
NB S C2 H6
NB S C4 H10
NB S2 C8 H16
O C5 H1
O C7 H1
O C7 H3
O C7 H5
O C9 H7
O C9 H9
O C11 H5
O C11 H9
O C12 H9
O C14 H13
O C14 H15
O P SI C3 H6
O S C25 H13
O S2 C12 H7
O2 C5 H1
O2 C5 H5
O2 C7 H1
O2 C7 H9
O2 C13 H7
O2 C14 H13
O2 C14 H15
O2 P S C14 H10
O2 S C9 H5
O2 SI3 C6 H15
O2 TI C4 H7
O3 C12 H3
O3 P C14 H8
O3 S C10 H3
O4 P C7 H12
O4 P2 C6 H3
O4 S C10 H5
O4 S C15 H17
O7 S2 C6 H7
P C4 H8
S C14 H5
S TA C2 H6
S TA C4 H10
S2 TA C4 H12
S2 TA C8 H16
SI C7 H5
SN TI C6 H15
V
```

CL6

```
C3 H2
C4
C6
C7 H10
C10 H2
C13 H6
C28 H20
AG O2 C13 H9
AL O6 C45 H27
AL SN C2 H5
AL2 O6 C9 H18
AL2 O6 C15 H30
AL2 O6 C18 H36
AL3 GA C12 H30
AS2 MO O4 C4
AS2 PT2 S2 C12 H30
AU2 O2 S2 C14 H24
B FE N2 C4 H14
B FE O2 C8 H20
B N O3 C23 H14
B O3 C18 H9
B2 N2 O3 C10 H8
B3 N C2 H6
B10
BR C12 H9
BR2 I SB C12 H8
BR8 MO6 N2 C10 H12
CO H18 N6 TL
CR O4 P2 C4
CR2 N11 O C2 H37
CS N2 PT C5 H5
CS2 MO
CU N2 O2 C22 H14
F2 O C9 H4
F4 N2 C4
F4 N2 O8 C32 H16
F4 O2 C10 H4
F7 I C15 H8
FE O3 SB C7 H7
FE2 O4 PT C20 H22
FE2 O4 PT C22 H26
FE5 O12 C24 H12
GE SI C3 H6
GE2 C4 H8
H12 N4 PD PT
```

CL6 CONTINUED

117

```
H12 N4 PD2
HG2 N6 C5 H16
HG2 P6 PD2 C76 H68
HG5 TE2
I O2 SB C14 H14
I SB C12 H10
I SB C14 H14
I2 N C5 H5
I8 MO6 N2 C10 H12
I8 MO6 N2 C16 H40
IN TL3
IR NA2
K2 MO
K2 O4 U2
K2 ZR
L14 MN
MO O4 P2 C4
MO O6 P3 C9 H15
MO RB2
MO TI2
MO2 N6 S3 C3 H12
MO2 N6 S3 C6 H18
MO2 N6 S3 C21 H24
N O C12 H5
N O S3 C15 H7
N O SB C5 H12
N O2 C5 H3
N O2 C12 H9
N O2 C14 H13
N O2 S C12 H5
N O2 S TI C8 H11
N O3 C8 H9
N O3 C12 H3
N O3 C31 H11
N O4 C12 H9
N O4 C25 H31
N O4 S2 C12 H5
N O4 SB C9 H8
N S3 C15 H9
N2 C16 H10
N2 O2 C16 H10
N2 O2 C18 H16
N2 O2 C19 H16
N2 O2 C20 H6
N2 O2 C20 H8
N2 O2 C20 H18
N2 O2 S C12 H6
N2 O2 S SN C10 H10
N2 O2 S SN C12 H14
N2 O2 S SN C18 H14
N2 O2 S TI C10 H10
N2 O2 S TI C12 H14
N2 O2 S TI C18 H14
N2 O2 SN C16 H28
N2 O2 SN C24 H44
N2 O4 C24 H20
N2 O4 P2 C26 H34
N2 O4 S C14 H10
N2 O4 S C18 H18
N2 O6 P2 S2 C37 H62
N2 O6 P2 S2 C39 H66
N2 O7 C15 H12
N2 O8 C32 H72
N2 P2 C2 H6
N2 P2 C12 H10
N2 P8 C6 H20
N2 P8 C12 H32
N2 PT C2 H12
N2 PT C5 H12
N2 S2 C7 H4
N2 S3 C9 H4
N2 S3 C9 H10
N2 SB C4 H9
N2 SN C16 H32
N2 SN C18 H32
N2 SN C26 H44
N2 SN C26 H48
N2 TE C10 H24
N2 W C2 H10
N2 W C4 H16
N2 W C8 H24
N3 O C13 H11
N3 O PT C26 H27
N3 O3 C16 H9
N3 S4 SB
N3 SB C4 H10
N3 SB C25 H30
N3 W C6 H23
N4 C42 H36
N4 NI O4 C16 H32
N4 O PT C28 H32
N4 O PT C40 H40
N4 O2 O5 C22 H26
N4 O2 PT C22 H30
N4 O2 PT C32 H34
N4 O3 C13 H10
N4 O4 C18 H12
N4 PT C18 H26
N4 SN C28 H50
N4 W C4 H20
N6 C15 H8
N6 C21 H12
N6 O5 PT C28 H30
N6 PT C8 H20
N8 O2 PT C12 H14
N8 O4 O5 C46 H50
N8 O4 O5 C52 H62
N8 O4 O5 C58 H58
N8 W C16 H56
N19 O6 C67 H95
N19 O7 C63 H93
NA O SI C7 H3
NA2 MO
NA2 PU
O C5
O C9 H4
O C9 H6
O C10 H12
O C12 H8
O C23 H16
O S C8 H2
O SB C7 H9
O SB C9 H13
O2 C5 H2
O2 C7 H6
O2 C8 H2
O2 C8 H4
O2 C9 H8
O2 C10 H8
O2 C12 H8
O2 C13 H10
```

CL6

118

```
O2 C14 H12
O2 C15 H14
O2 C16 H8
O2 C16 H12
O2 P S8
O2 S C10 H12
O2 S C13 H4
O2 S2 C13 H6
O2 SI C11 H18
O2 TI C4 H6
O3 C6 H2
O3 C12
O3 S C9 H6
O3 SI C12 H20
O3 SI2 C16 H32
O3 SI4 C8 H20
O4 C6 H4
O4 C14 H12
O4 C16 H12
O4 C17 H10
O4 C17 H20
O4 C18 H12
O4 C23 H28
O4 C28 H10
O4 C29 H12
O4 P2 W C4
O4 SN2 C28 H20
O4 TI C8 H14
O5 S2 C20 H20
O5 SI6 C20 H42
P2 PB C8 H24
P2 PT C8 H24
PU RB2
RE
S C7 H2
S C10 H12
S2 C2
S3 C15 H8
SB C8 H9
SI2 C2 H4
SI2 C6 H4
SI2 C6 H12
SI2 C8 H8
SI2 C12 H8
SI2 C42 H28
SI3 C6 H14
SI3 C8 H18
SN C24 H24
SN C28 H20
SN TI C4 H10
SN2 TI C12 H30
TC
```

CL7

```
C11 H3
AL S4
AL SN2 C8 H20
CU O P C4 H10
F2 O C8
GE2 C3 H5
HG P C4 H8
N O SB C2 H1
N O2 S SB C5 H5
N O2 S SB C9 H7
N O2 S2 C9 H6
N O3 S C13 H6
N SB C3 H7
N2 O P3
N5 C15 H6
N6 SB C50 H60
O C13 H9
O S C8 H1
O2 C5 H1
O2 C6 H1
O2 C8 H1
O2 SI C11 H17
O2 TI C4 H5
O4 S15 C10 H25
P C14 H14
P ZN C4 H8
SN TI C2 H5
```

CL8

```
C6
C12 H8
AL4 O10 C34 H72
B2 C8 H8
BR4 C12 H8
F2 O C8
FE2 N4 O2 C42 H54
GE4 O4 C48 H32
I SB C12 H8
K2 O6 U3
MO O6 P4 C10 H20
N O SB C3 H4
N O2 S C12 H3
N SB C2
N2 O2 C22 H12
N2 O4 S2 SN C12 H14
N2 S TI2 C13 H12
N4 O2 TI2 C26 H24
N4 O4 C14 H6
N4 O4 C18 H14
N4 PT2 C8 H20
N4 RH2 C6 H26
N9 SB C75 H90
O S C8
O2 C5
O2 C6
O2 C7 H4
O2 C8
O2 C10
O2 C12 H2
O2 P2 RE C7 H15
O6 P2 G26 H18
O8 SI G12 H12
O8 ZN4 C40 N96
O12 SI C32 M20
O15 S4 C12 M16
O19 C44 H78
S C6
SI C7 H8
SI3 C4 H8
SI4 C4 H8
SN TI2 C8 H20
```

CL8 CONTINUED

119

```
SN2 TI C8 H20
```

CL9

```
C6 H5
C8 H7
AL SN2 C4 H10
B2 C12 H15
B3 O3 C21 H12
B10 N3 O S2 C14 H26
BA MG2 NA3
K3 MO2
MO O3 P3 C3
N O3 C7 H4
N O4 C14 H8
N3 C6 H6
N6 C21 H9
O P2 RE C6 H12
O4 SI4 C8 H15
SI C6 H5
SI C7 H7
SN TI2 C6 H15
```

CL10

```
C8 H6
C16 H8
BR S2 C7 H5
CO2 HG3
CU N2 O2 C22 H10
H4 N2 SB2
K2 O8 U4
N3 O3 SB2 C18 H33
O2 S2 C9 H8
SN TI2 C4 H10
SN2 TI C4 H10
```

CL11

```
B12
B12 N2 C6 H18
H5 N2 SB2
N3 SB2 C25 H30
SN TI2 C2 H5
```

CL12

```
BR N O2 C20 H6
F30 N3 O6 P3 C18
F42 N3 O6 P3 C24
FE3 O10 C50 H65
GE O4 C8 H8
H6 N2 SB2
MO O2 P4 C2
N2 O2 S SB C12 H14
O4 C26 H18
```

CL13

```
SI4 C4 H3
```

CL14

```
C10 H6
C16
C20 H6
N O2 C20 H5
N2 P4
```

CL15

```
H30 N15 O5 RU5
```

CL16

```
F56 N4 O8 P4 C32
O12 C64 H40
```

CL18

```
O4 C24
O4 S15 C30 H36
```

CL24

```
F160 N4 O8 P4 C88
```

CL34

```
N6 O18 S9 SN4 C48 H66
```

CO

```
C19 H17
AG3 H6 N4 O10 S2
AG3 N6 C6
AL CL O C4 H10
AL CL3 C4 H10
AL3 CL3 O2 C13 H30
AS BR2 C6 H15
AS CL2 C6 H15
AS F5 O3 C23 H15
AS I2 C6 H15
AS I3 N2 C26 H24
AS2 BR2 C12 H30
AS2 BR2 O2 C36 H30
AS2 BR4 C38 H36
```

AS2 CL2 C12 H30
AS2 CL2 O2 C36 H30
AS2 CL4 C38 H36
AS2 I2 C12 H30
AS2 I2 C36 H30
AS2 I2 O2 C36 H30
AS2 I4 C38 H36
AS2 N2 O2 S2 C38 H30
AS2 N2 O2 SE2 C38 H30
AS2 N4 O12 C38 H36
AS2 N4 S4 C52 H40
AS2 N4 SE4 C52 H40
AS2 O4 C24 H20
AS4 CL2 O12 C72 H60
AS4 I2 O4 C72 H60
B C34 H30
B C40 H34
B2 F8
B2 N6 C12 H18
B2 N5 C58 H55
B2 N12 O4 P4 C72 H112
B2 O4
B6 O10
BR CL2 N4 O3 C24 H16
BR CL2 N4 O4 C4 H16
BR N4 O4 C26 H16
BR N4 O4 C27 H18
BR N4 O5 C28 H24
BR N4 O7 C26 H16
BR N5 O7 S C33 H33
BR N6 O4 C6 H16
BR N6 O4 C8 H20
BR N6 O4 S C19 H24
BR N6 O4 S C21 H26
BR N6 O6 S C14 H22
BR N6 O7 C18 H26
BR N6 O7 C20 H30
BR N6 O7 C22 H34
BR N7 O4 S C16 H23
BR N7 O6 S2 C17 H23
BR N8 O4 S2 C15 H30
BR N8 O4 S2 C30 H34
BR N8 O6 S C14 H30
BR N10 O4 S2 C24 H32
BR N10 O8 S2 C26 H36
BR N12 O6 S2 C28 H38
BR O3 P C21 H15
BR2 CL O4 C20 H32
BR2 H12 N5 O2
BR2 N C6 H15
BR2 N O P2 C12 H30
BR2 N2 C4 H14
BR2 N2 C5 H6
BR2 N2 C6 H8
BR2 N2 C8 H22
BR2 N2 O2 C26 H18
BR2 N3 C15 H11
BR2 N4 C8 H8
BR2 N4 C12 H16
BR2 N4 C14 H12
BR2 N4 O C4 H17
BR2 N4 O4 C28 H23
BR2 N5 O2 C4 H16
BR2 N6 O2 C5 H17
BR2 N8 O2 S2 C10 H20
BR2 N8 O2 S2 C12 H24
BR2 N8 O4 C10 H20
BR2 N9 S3 C3 H15
BR2 O P2 C13 H30
BR2 O2 C14 H8
BR2 O2 C18 H10
BR2 O7 C16 H19
BR2 P2 C12 H30
BR3 N3 C15 H26
BR3 N5 O2 C4 H23
BR3 N6 C6 H24
BR3 N6 C8 H26
BR3 N6 O9 C36 H24
BR3 N9 S3 C3 H15
BR4 CD N4 C8 H12
BR4 N5 O2 C4 H16
CD I4 N4 C8 H12
CL F2 N4 O8 C18 H24
CL H14 N4 O4 S
CL N2 O10 C6 H10
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CL2 O8
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N16 O20 S5 C40 H60
N20 O20 S9 C52 H64
NI O10 C10
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O10 C10 H2
O10 C12 H6
O10 C14 H10
O10 C16 H14
O10 C18 H18
O10 PB C10
O10 SR C10
P4 C48 H40
P4 C48 H88

CO3

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CL4 C20 H20
CR2 H6 O18 P6
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O9 C16 H5
O9 SI C11 H3
U10 C10
O10 C72 H134
O11 C12 H3
W

CO4

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O10 C16 H10

CO5

N30 O12 C102 H72
N30 O12 C120 H72

CO6

O18 C20

CO9

S8

CO15

AL2 CE2

CO17

CE2
GO2

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O6 S12 C12 H14
O6 S14 C36 H30
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O8 C17 H21
O8 C19 H25
O37 W12
P4 C12 H32

CO2

C25 H24
C25 H28
C26 H26
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BE2 O10 C10
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BR3 N6 NI S6 C12 H36
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CO3

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CO5

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CO6

O18 C20

CO9

S8

CO15

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CO17

CE2
GO2

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CL6 O4 P2 C4
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CO N12 O6 C12 H24
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GE3 H24 N9 S6
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H2 O6
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LA2 S4
LU N9 O6 S6 C24 H15
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O4 P2 C30 H24
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O7 C16 H21
P6 C18 H48
S4 Y2
S7 Y4

CR2

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CD3 H6 O18 P6
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CL5 H28 N9 O
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CL5 H31 N10 O
CL6 N11 O C2 H37
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CO3 H6 O18 P6
CU O4
CU3 H6 O18 P6
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H6 MN3 O18 P6
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H6 O18 P6 PB3
H6 O18 P6 SN3
H6 O18 P6 ZN3
H6 O18 SR3 P6
H6 O24 P6 U3
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MG O4
MN O4
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O12 P2 C44 H48

CR3

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B4 O12 SM

CR4

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Cr5

O30 P8 C131 H129

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CL6 N2 PT C5 H5
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O3
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CS2

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CS3

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CS4

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CS6

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CS8

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CS12

FE7 N42 O16 U8 C42

CU

C14 H14
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AS2 CL4 C38 H36
AS2 N4 O12 C38 H36
AS2 O4 C16 H36
B S
B SE
B2 F8
B2 F8 N4 C8 H12
B2 N4 O4 C32 H32
BA3 O40 W12
BR C8 H8
BR C8 H12
BR C10 H12
BR CL N4 O5 C15 H18
BR CL N4 O5 C16 H20
BR N2 C10 H6
BR N2 C14 H12
BR N2 C16 H8
BR N2 S C1 H4
BR N3 O C6 H6
BR N4 C28 H24
BR N4 O2 C5 H9
BR N8 C32 H15
BR2 CL4 N2 O2 C22 H14
BR2 N O C5 H5
BR2 N O C9 H7
BR2 N2 C10 H10
BR2 N2 C14 H12
BR2 N2 C14 H14
BR2 N2 O4 C10 H22
BR2 N3 O C4 H9
BR2 N3 O C7 H13
BR2 N3 O C8 H15
BR2 N4 C24 H20
BR2 N4 C28 H24
BR2 N4 O2 C5 H10
BR4 CL2 N2 O2 C22 H14
BR4 N2 O2 C30 H32
BR4 N8 C32 H12
BR6 N2 O2 C22 H14
BR6 N2 O4 C24 H18
BR16 N8 C32
CL C7 H8
CL C8 H12

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CU

CL C10 H12
CL I N2 O4 C14 H14
CL I N2 O4 C15 H16
CL I N4 O5 C15 H18
CL I N4 O5 C16 H20
CL N2 C10 H6
CL N2 C12 H20
CL N2 C14 H12
CL N2 C16 H8
CL N2 O C12 H9
CL N2 O4 C12 H10
CL N3 O C6 H6
CL N4 C28 H24
CL N4 N12 S4 C8 H24
CL N4 O2 C5 H9
CL N4 O2 S2 C6 H12
CL N4 O4 C28 H24
CL N4 O4 S2 C10 H16
CL N4 O6 C5 H9
CL N5 O5 S C16 H18
CL N5 O5 S C17 H20
CL N6 O3 S3 C9 H18
CL O2 S C11 H10
CL O16 P4 C20 H36
CL P C18 H15
CL2 N O C6 H11
CL2 N O C9 H7
CL2 N2 C4 H8
CL2 N2 C10 H10
CL2 N2 C14 H12
CL2 N2 O4 C10 H22
CL2 N2 O8 C14 H14
CL2 N2 O8 C15 H16
CL2 N3 O C4 H9
CL2 N3 O C7 H13
CL2 N3 O C8 H15
CL2 N3 O8 C15 H11
CL2 N4 C24 H20
CL2 N4 C28 H24
CL2 N4 N12 S4 C8 H24
CL2 N4 O2 C5 H10
CL2 N4 O5 C15 H18
CL2 N4 O5 C16 H20
CL2 N4 O6 S2 C48 H32
CL2 N4 O8 C10 H24
CL2 N4 O8 C12 H28
CL2 N4 O8 C14 H32
CL2 N4 O8 C16 H32
CL2 N4 O8 C18 H36
CL2 N4 O8 C20 H40
CL2 N4 O8 C28 H24
CL2 N4 O10 S2 C48 H32
CL2 N4 O12 C36 H28
CL2 N4 O16 C20 H44
CL2 N6 O8 C30 H22
CL2 N6 O8 S2 C62 H42
CL2 N6 O8 S2 C70 H46
CL2 N6 O10 S4 C48 H34
CL2 N6 O12 S2 C62 H42
CL2 N6 O12 S2 C70 H46
CL2 N6 O14 C18 H42
CL2 N6 O14 C30 H30
CL2 N8 C4 H8
CL2 N8 O2 C6 H16
CL2 N8 O2 C8 H20
CL2 N8 O2 C10 H24
CL2 N8 O2 C12 H28
CL2 N8 O12 C10 H20
CL2 O4 C24 H24
CL2 O22 C20 H48
CL4 N2 O2 C22 H16
CL4 N4 ZN C12 H24
CL4 N4 ZN C12 H26
CL4 N8 S2 C24 H30
CL4 N8 S2 C26 H34
CL6 N2 O2 C22 H14
CL7 O P C4 H10
CL10 N2 O2 C22 H10
CR2 O4
F3 NA
F3 TL
F4 NA2
F4 RB2
F4 TL2
FE O2
FE PO2
FE5 O8
GE P3 C72 H60
H NA5 O14 P4
H2 NA4 O14 P4
H3 NA3 O14 P4
H5 NA O14 P4
H6 O40 W12
I N P C16 H20
I N2 C14 H12
I N3 O C6 H6
I N4 C28 H24
I2 N2 C14 H12
I2 N8 O2 C32 H24
I3 N4 C28 H24
IN5 S8
K P2 C24 H20
N O S C13 H10
N O2 C3 H5
N O2 C4 H7
N O2 C6 H6
N O2 C6 H11
N O2 C8 H7
N O2 C8 H15
N O2 C9 H9
N O2 C21 H15
N O2 P C26 H19
N O2 P2 C28 H34
N O4 C16 H21
N O4 C25 H23
N O4 C26 H25
N O4 S C11 H10
N O5 S C17 H11
N O15 P4 C20 H36
N2 C12 H12
N2 O2 C12 H6
N2 O2 C12 H10
N2 O2 C12 H18
N2 O2 C20 H28
N2 O2 C28 H32
N2 O2 C34 H44
N2 O3 S C5 H9
N2 O4 C2 H2
N2 O4 C4 H6
N2 O4 C9 H10
N2 O4 C10 H10

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Cu

CONTINUED

N2 O4 C10 H12
N2 O4 C12 H12
N2 O4 C12 H16
N2 O4 C12 H20
N2 O4 C14 H14
N2 O4 C15 H14
N2 O4 C16 H14
N2 O4 C16 H16
N2 O4 C18 H20
N2 O4 C36 H20
N2 O4 S C14 H12
N2 O4 SE2 C24 H16
N2 O5 C3 H6
N2 O5 C5 H10
N2 O6 C8 H20
N2 O6 C12 H20
N2 O6 C18 H16
N2 O6 C18 H22
N2 O6 C22 H28
N2 O6 C24 H32
N2 O8 C10 H12
N2 O8 C16 H32
N2 O8 C18 H24
N2 O8 C20 H28
N2 O8 C28 H28
N2 O8 C36 H36
N2 O8 C36 H40
N2 O8 S2 C18 H20
N2 O8 S2 C22 H20
N2 O10 C24 H20
N2 O10 C32 H36
N2 O10 C34 H24
N2 O10 C38 H32
N2 O10 P2 C12 H26
N2 O10 S C8 H22
N2 O10 S2 C30 H40
N2 O12 C32 H36
N2 O12 C36 H44
N2 O14 S2 C36 H48
N2 S2 C2 H2
N2 S2 C3 H4
N2 S2 C4 H6
N2 S2 C6 H10
N2 S2 C14 H22
N2 S2 C16 H14
N2 S4 C4 H6
N2 S4 C8 H6
N2 S4 C8 H14
N2 S4 C14 H10
N3 O3 C21 H13
N3 O3 C22 H15
N3 O4 C23 H15
N3 S C15 H10
N3 S2 C18 H23
N4 C6
N4 C9 H24
N4 C12 H4
N4 C24 H22
N4 C26 H26
N4 C32 H26
N4 O S C7 H6
N4 O2 C18 H22
N4 O2 C20 H26
N4 O2 C24 H18
N4 O2 C26 H22
N4 O2 C26 H26
N4 O2 C28 H28
N4 O2 C28 H30
N4 O2 C30 H34
N4 O3 S2 C6 H13
N4 O4 C6 H14
N4 O4 C8 H18
N4 O4 C10 H10
N4 O4 C24 H18
N4 O4 C28 H18
N4 O4 C36 H40
N4 O4 C47 H56
N4 O4 S2 C8 H15
N4 O4 S2 C14 H18
N4 O4 S2 C18 H26
N4 O4 S2 C20 H18
N4 O4 S2 C32 H26
N4 O4 S2 C34 H30
N4 O5 C36 H38
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N4 O6 C4 H10
N4 O6 C10 H10
N4 O6 C11 H10
N4 O6 C14 H12
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N4 O8 C18 H14
N4 O12 C28 H26
N4 S2 C12 H10
N4 S2 C24 H16
N4 S2 C26 H20
N5 O3 C28 H24
N5 O5 C5 H9
N6 O2 C22 H16
N6 O4 S3 C9 H19
N6 O5 S3 C11 H21
N6 O6 C20 H20
N6 O6 C24 H12
N6 O6 C28 H24
N6 O6 C32 H20
N6 O8 S2 C30 H20
N6 O10 C50 H36
N6 O14 C20 H44
N6 S2 C4 H6
N6 S2 C6 H10
N6 S2 C8 H14
N6 S2 C10 H18
N6 S2 C19 H20
N6 S2 C19 H22
N7 S3 C23 H17
N8 C8 H6
N8 C12
N8 C26 H6
N8 C40 H24
N8 O2 C6 H16
N8 O3 C44 H18
N8 O4 C12 H6
N8 O4 C24 H18
N8 O4 S C4 H8
N8 O5 S4 C12 H25
N8 O6 C10 H22
N8 O6 C12 H14
N8 O6 S C6 H16
N8 O10 S4 C22 H35
N8 S4 C44 H34
N10 C24 H14
N10 O4 C14 H20

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CU

N10 O6 S2 C10 H16
N10 O8 C6 H16
N10 O8 C8 H20
N10 O8 V C22 H31
N10 O10 C10 H20
N10 O10 S4 C36 H22
N11 C34 H17
N11 S3 C43 H34
N12 C28 H24
N12 O6 V C18 H25
N12 O8 S4 C40 H28
N12 S4 C44 H34
N16 O12 S4 C46 H24
N16 S4 C64 H51
N17 S5 C65 H51
NA O9 P3
NA2 O12 P4
NA4 O18 P6
O S C13 H9
O S2 C9 H9
O S2 C10 H11
O S2 C11 H13
O S2 C12 H15
O S2 C13 H17
O S2 C14 H19
O2 C14 H14
O2 S C8 H9
O2 S C11 H11
O3 C7 H6
O3 C8 H8
O4 C2 H2
O4 C4 H6
O4 C8 H4
O4 C10 H8
O4 C14 H6
O4 C14 H10
O4 C14 H14
O4 C15 H10
O4 C16 H14
O4 C18 H18
O4 C18 H32
O4 C20 H22
O4 C24 H22
O4 C24 H34
O4 C26 H26
O4 C26 H46
O4 C28 H30
O4 C28 H36
O4 C30 H36
O4 C30 H38
O4 C32 H22
O4 C34 H26
O4 C34 H38
O4 C42 H30
O4 C46 H30
O4 C54 H38
O4 C58 H46
O4 C70 H54
O4 SE2 C28 H22
O6 C10 H16
O6 C22 H26
O6 C24 H30
O6 C32 H38
O6 C34 H30
O6 C36 H68
O6 SE2 C28 H22
O7 C5 H6
O8 C14 H22
O8 C20 H26
O8 C20 H28
O8 C40 H38
O8 C42 H54
O8 C42 H58
O8 S2 C22 H22
O10 C32 H26
O10 P2 C18 H32
O14 C36 H34
O18 C50 H46
P C8 H14
P C9 H18
P C11 H14
P C12 H10
P C13 H14
P C14 H20
P C16 H20
P C19 H26
P C26 H20
P S
P SE
P2 C12 H27
P2 C14 H23
P2 C24 H21
P3 C17 H32
SN

CU2

AS2 BR2 S2 C12 H30
AS2 CL2 S2 C12 H30
AS2 I2 S2 C12 H30
AS2 O7 C16 H40
BR2 C7 H8
BR2 N2 C4 H8
BR2 N2 C6 H12
BR2 N2 C10 H20
BR2 N2 C12 H8
BR2 N2 C12 H20
BR2 N2 O2 C18 H12
BR2 N6 O2 C12 H12
BR2 N12 S6 C6 H24
BR2 P3 C54 H45
BR4 N4 C14 H14
CL N3 O7 C27 H18
CL2 C8 H8
CL2 N2 C4 H8
CL2 N2 C6 H12
CL2 N2 C10 H20
CL2 N2 C12 H8
CL2 N2 C12 H20
CL2 N2 O C5 H10
CL2 N2 O C6 H12
CL2 N2 O2 C18 H12
CL2 N6 O2 C12 H12
CL2 N10 O5 S5 C15 H30
CL2 N12 S6 C6 H24
CL4 N4 C14 H14
CS6 O77 W24
FE N6 G6
I2 N2 C6 H12

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Cu2

CONTINUED

I2 N2 C8 H16
I2 N2 C12 H20
N2 O4 C22 H22
N2 S4 C4 H6
N2 S4 C8 H6
N2 S4 C8 H14
N2 S4 C14 H10
N4 O4 C36 H20
N4 O8 C18 H12
N4 O10 C6 H12
N4 O10 C28 H16
N6 O10 C16 H14
N6 O10 P2 C12 H16
N6 O10 S2 C12 H14
N8 C24 H8
N8 O4 S C56 H48
N8 O8 C12 H12
N8 O8 S C10 H18
N8 S4 C18 H14
P3 C38 H55
P4 C48 H40

CU3

BR3 N2 C6 H12
BR3 N2 C8 H16
CL3 N2 C6 H12
CL3 N2 C8 H16
CR2 H6 O18 P6
I3 N2 C4 H8
I3 N2 C8 H16
N4 S8 C8 H12
N4 S8 C16 H12
N4 S8 C16 H28
N4 S8 C28 H20
O8 V2

CU4

H4 O9 S
N6 S12 C12 H18
N6 S12 C24 H18
N6 S12 C24 H42
N6 S12 C42 H30

CU5

MN
O8 S4 C8 H10

CU12

FE6 N30 C30
FE10 N24 C24

CU13

AL21 CE4

D

C3 H5
C4 H3
C5 H7
C6 H11
C7 H7
C8 H9
C9 H9
C9 H11
C12 H7
AG O2 C5 H6
BR C4 H6
BR C12 H8
BR CL3 O C8 H5
BR O C27 H44
BR O2 C19 H26
BR O7 S2 C10 H6
BR2 CL3 C14 H8
CL C5 H6
CL F C6 H3
CL O C6 H8
CL O C8 H10
CL O C8 H14
CL O C9 H16
CL2 C6 H3
CL3 C6 H2
CL3 O C8 H6
CL3 O2 C9 H8
CL3 O2 C16 H14
CL4 O C8 H5
F2 C6 H3
F3 N O4 C15 H13
F3 O C10 H8
F6 O P C2
I N C9 H19
LI O C11 H14
N C5 H4
N C6 H6
N C6 H12
N C7 H12
N C8 H16
N C9 H16
N C10 H8
N C10 H18
N C12 H14
N O C6 H10
N O C8 H10
N O C8 H14
N O C10 H12
N O2 C6 H4
N O2 C10 H6
N O3 C3 H6
N O6 P C3 H7
N2 O C11 H11
N2 O C18 H21
N2 O C20 H27
N2 O2 C8 H13
N2 O2 C20 H25
N2 O3 C21 H25

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D

N2 O4 C12 H17
N2 O4 C22 H31
N2 O6 C11 H9
N3 O7 C25 H22
O C3 H7
O C4 H7
O C5 H5
O C7 H7
O C8 H15
O C9 H9
O C9 H17
O C10 H17
O C10 H19
O C11 H15
O C20 H17
O C27 H45
O P C20 H26
O S C14 H21
O2 C6 H9
O2 C8 H11
O2 C8 H15
O2 C9 H7
O2 C9 H17
O2 C10 H15
O2 C11 H15
O2 C12 H17
O2 C19 H23
O2 C19 H27
O2 S C14 H21
O2 S C15 H23
O3 C8 H17
O3 C9 H9
O3 C15 H21
O3 C23 H33
O3 C29 H47
O3 P C2 H6
O3 P C4 H10
O3 S C7 H7
O3 S C10 H11
O3 S C14 H19
O3 S C17 H25
O4 C9 H7
O6 C20 H25
O7 S2 C10 H7
S C7 H7
SI C5 H9

D2

C4 H4
C6 H10
C7 H6
C8 H8
C9 H10
C14 H10
C16 H14
BR C8 H7
BR C12 H23
BR CL C3 H4
BR N O3 C18 H18
BR O2 C9 H7
BR O4 S C16 H15
BR S C10 H13
BR2 C14 H8
CL C6 H9
CL C7 H5
CL C10 H11
CL IR O P2 C37 H30
CL N
CL N C4 H4
CL O C3 H5
CL O C5 H7
F3 O C10 H7
I3 K N2 O2 C6 H12
N O C9 H13
N O2 C5 H9
N O4 C13 H17
N O4 C14 H19
N2 C12 H10
N2 C16 H8
N2 C20 H12
N2 C20 H14
N2 O C20 H24
N2 O C21 H26
N2 O2 C2 H2
N2 O2 C4 H6
N2 O2 C6 H4
N2 O2 C9 H8
N2 O2 C10 H6
N2 O2 C14 H10
N2 O2 C18 H18
N2 O2 C20 H22
N2 O2 C21 H26
N2 O2 C22 H26
N2 O3 C23 H28
N2 O4 C24 H26
N2 O4 C24 H34
N2 O6 C11 H8
N2 O7 C17 H14
O C4 H6
O C4 H8
O C5 H6
O C7 H6
O C9 H8
O C10 H12
O C12 H8
O C12 H24
O C17 H14
O C17 H16
O S C10 H12
O2 C4 H4
O2 C4 H8
O2 C5 H6
O2 C9 H16
O2 C10 H12
O2 C12 H14
O2 C16 H10
O2 C16 H12
O2 C16 H14
O2 C19 H18
O2 C19 H22
O2 C19 H24
O3 C7 H12
O3 C8 H16
O3 C10 H8
O3 C15 H20
O3 S C10 H10
O3 S C24 H22
O4 C6 H6

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D2

CONTINUED

O4 C9 H6
O4 C10 H6
O4 C20 H18
O4 S
O6 C20 H24
O6 C21 H26
O6 C32 H50
O12 C35 H70
S C10 H12

D3

C6 H9
C7 H5
C7 H9
C8 H7
C9 H9
C11 H7
C12 H23
B O3 P C5 H9
BR C11 H6
BR O P2 PT C15 H30
BR P2 PT C14 H30
CL P2 PT C7 H18
CL3 SI C7 H10
F O C2
F O6 C15 H18
F6 O SB C2
GA N C3 H9
N S SI C1
N2 O S C5 H3
N2 O3 C21 H21
N2 O4 C23 H27
O C3 H5
O C7 H11
O C10 H11
O C10 H15
O2 C9 H7
O2 C13 H15
O2 C14 H17
O2 C15 H19
O2 C16 H21
O2 C19 H19
O2 C19 H21
O2 C19 H23
O3 C8 H15
O4 C11 H9
O6 C20 H23
O8 C19 H37
O10 C16 H19
O10 C17 H21
S C10 H11
SI C7 H13

D4

C6 H8
C7 H4
C8 H6
C9 H8
B K
B10 C12 H38
B10 H10
BR CL C3 H2
CL N C4 H2
CL O C3 H3
CL O2 C4 H3
I N C9 H16
N C6 H3
N C6 H5
N C6 H9
N C8 H13
N C13 H9
N O C9 H17
N O2 C6 H1
N2 O6 C11 H6
O C4 H4
O C5 H4
O C5 H6
O C6 H6
O C17 H12
O2 C2
O2 C4 H2
O2 C19 H20
O3 C4
O3 S C10 H8
O3 S C12 H12
O4 C3
O4 C4 H2
O4 C5 H4
O4 C6 H6
O4 C8 H10
O4 C10 H14

D5

C7 H3
C8 H5
C9 H5
C9 H7
AL B2 N4 C8 H24
BR C12 H20
CL O C7
O C10 H15
O C12 H21
O2 C7 H1
O2 C11 H9
O2 C19 H19

D6

C7 H2
C8 H4
C9 H6
C10 H2
C12 H6
C12 H20
BR C5 H1
CL3 K PT C3
MO O3 C9
N C13 H7
N2 O4 C23 H24
N4 O4 C9 H4

D6 CONTINUED

D C3 H2
D C6 H6
D C12 H4
D2 C8 H8
D2 C19 H18
P2 PT C8 H18

D7

C7 H1
C8 H3
C9 H5
N C13 H6
O C3 H1
D2 C5 H3

D8

C5
C7
C8 H2
C9 H4
C10
I S C7 H9
N2 C6
N2 C12 H4
O2 C5 H2
O2 C18 H6
O4 C7 H4
O4 C8 H6

D9

C8 H1
C9 H3

D10

C8
C9 H2
C18 H10
C20 H6
B10 H4
BR C20 H5
O C13
O C20 H8

D11

C9 H1
O2 C6 H1
O2 C7 H3

D12

C9
B12 CS2
B12 NA2

D13

N C13

D16

O4 C11 H4
O4 C12 H6

D32

O4 C19 H4
O4 C20 H6

D43

O2 C22 H1
O2 C23 H3

DY

AL3 B4 O12
AS O3
F9 O6 C15 H12
F9 O6 S3 C24 H12
LI O2
O6 C30 H27
O6 C45 H33

DY2

O2 TE

DY4

AL2 O9
GA2 O9

ER

AL3 B4 O12
AS O3
CR N9 O6 S6 C24 H15
LI O2

ER

SI2

ER4

AL2 O9
GA2 O9

EU

AL3 B4 O12
BR3
CL3
I2
N2 O8 C10 H13

EU2

O2 TE
O6 TE

EU4

AL2 O9
GA2 O9

F

C2 H1
C6 H5
C6 H9
C7 H7
C8 H7
C9 H9
C10 H11
C10 H15
C10 H17
C12 H13
C12 H15
C14 H11
C15 H11
C16 H15
C19 H13
C20 H15
C20 H21
C27 H47
B
B CL3 C19 H15
B N C11 H15
B2 O3
B3 H5 N3
BE2 CS C8 H20
BE2 RB C8 H20
BI O
BR C6 H8
BR C6 H10
BR C14 H8
BR C14 H10
BR C19 H12
BR CL C6 H9
BR CL N O2 C15 H10
BR CL3 N2 O2 C17 H11
BR CL3 N2 O2 C18 H13
BR HG O2 C10 H10
BR N C15 H9
BR N C15 H13
BR N O C13 H9
BR N O C14 H11
BR N O2 C7 H5
BR N O2 C15 H11
BR N O2 C17 H15
BR N O3 S C8 H7
BR N O3 S C12 H9
BR N O3 S C20 H15
BR N O3 S C21 H17
BR N2 O C15 H10
BR N2 O C16 H12
BR N2 O S C14 H8
BR N2 O2 C15 H12
BR N2 S C2
BR N4 O5 C21 H14
BR N4 O6 C21 H14
BR N4 O6 C22 H16
BR N4 O7 C22 H14
BR N4 O7 C22 H16
BR N5 O5 C23 H19
BR O2 C3 H4
BR O2 C10 H10
BR O2 C13 H8
BR O2 C15 H10
BR O3 C15 H10
BR O3 C16 H12
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H N O4 S2
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F2

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O2 S2 C16 H6
O3 C7 H8
O3 C8 H8
O3 C10 H10
O3 C22 H30
O3 C23 H32
O3 C23 H34
O3 C24 H32
O4 C15 H10
O4 C17 H14
O4 C24 H34
O4 P C12 H9
O4 S
O5 C23 H30
O5 P2 C2 H6
O5 P2 C3 H8
O6 C23 H30
O6 C24 H30
O6 C24 H32
O6 C24 H34
O6 C24 H36
O6 P C16 H13
O6 P C18 H17
O7 C26 H34
O7 C26 H36
O8 S C42 H52
P S C1 H3
P S C2 H5
P S C6 H5
S C12 H8
S C13 H10
S2 C12 H8
S2 C14 H12
S2 C20 H12
SI C2 H6
SI C9 H12
SI C11 H16
SI C24 H18
SN
SN C8 M18
V
XE
```


F3

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C4 H7
C7 H9
C8 H5
C9 H7
C14 H11
C19 H13
AS C9 H18
AS CL C2 H3
B CL C19 H15
B CL2 C7 H4
B H2 O4 P T
B I6 N O3 C22 H17
B I6 O3 C18 H6
B K2 N4 NI C4
B K4 MO N8 C8
B N C2 H7
B N C6 H13
B N C6 H15
B N C9 H21
B N C13 H9
B N O C6 H11
B N O2 C9 H13
B N O3 C22 H23
B N O3 C23 H17
B N P C18 H16
B N2 O C19 H13
B N3 C5 H7
B N3 O4 S2 C15 H15
B N6 C3 H6
B O C3 H6
B O C6 H14
B O C7 H4
B O C8 H8
B O C8 H18
B O2 C3 H6
B O2 C7 H6
B O2 C7 H14
B O2 C11 H14
B O2 C11 H22
B O3 C18 H12
B O3 P C5 H9
B O4 C16 H20
B P C18 H15
B S C4 H10
B3 H3 N3
BA O4 P C2 H2
BI C3 H6
BR C3
BR C8 H6
BR C10 H8
BR CL O C11 H9
BR CL O C17 H13
BR CL3 SI C9 H15
BR N C6 H3
BR N O C4 H5
BR N O C8 H5
BR N O C10 H9
BR N O C11 H11
BR N O C14 H19
BR N O C15 H11
BR N O2 C5 H3
BR N O2 C16 H11
BR N2 O C18 H20
BR N2 O2 C5 H4
BR O2 C8 H12
BR S C5 H6
BR SI C8 H16
BR2 CL C3
BR2 CL O C11 H10
BR2 O C4 H5
BR2 O3 SI C8 H15
BR2 P C13 H10
BR2 SI C8 H15
BR3 C3
BR4 CL C3
BR4 SI C9 H15
CA O4 P C2 H2
CL C3
CL C5 H6
CL C6 H8
CL C13 H8
CL MN O5 C7 H1
CL N C3 H3
CL N C6 H5
CL N C8 H3
CL N C10 H17
CL N C14 H9
CL N O C10 H11
CL N O C11 H7
CL N O C12 H9
CL N O P C10 H12
CL N O2 C9 H7
CL N O2 C11 H8
CL N O2 C12 H9
CL N O2 C15 H11
CL N O2 C24 H37
CL N O2 S C7 H5
CL N O2 S C8 H5
CL N O3 C8 H3
CL N O3 C24 H35
CL N O3 S C7 H5
CL N O3 S C9 H7
CL N P C10 H14
CL N P C11 H14
CL N P C14 H22
CL N2 C4
CL N2 O C15 H12
CL N2 O C16 H10
CL N2 O2 C15 H18
CL N2 O2 C16 H14
CL N2 O2 C16 H18
CL N2 O2 C17 H14
CL N2 O2 C18 H24
CL N2 O3 C18 H16
CL N2 O4 S C13 H8
CL N2 O4 S2 C7 H6
CL N2 O4 S2 C8 H8
CL N2 O4 S2 C9 H8
CL N2 O4 S2 C12 H14
CL N2 O4 S2 C13 H16
CL N2 O4 S2 C15 H12
CL N2 S C3
CL N3 C2
CL N3 O2 S C24 H27
CL N3 O3 C16 H13
CL N3 O4 C28 H13
CL N3 O4 S C11 H11
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F3

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CL N3 O4 S2 C14 H11
CL N3 O4 S2 C15 H13
CL N3 O4 S3 C11 H13
CL N3 S C22 H25
CL N4 C2
CL N4 O C6 H2
CL O C8 H4
CL O C10 H10
CL O C11 H10
CL O C12 H6
CL O C12 H8
CL O C12 H14
CL O C14 H8
CL O C17 H14
CL O2 C6 H6
CL O2 C8 H4
CL O2 C8 H10
CL O2 C8 H12
CL O2 C9 H6
CL O2 C9 H8
CL O2 C10 H8
CL O2 C10 H10
CL O2 C11 H12
CL O2 C12 H12
CL O2 C12 H14
CL O2 C15 H10
CL O2 C15 H12
CL O2 C16 H12
CL O2 C17 H12
CL O2 S C9 H6
CL O2 S C10 H8
CL O3 C10 H8
CL O3 C11 H10
CL O3 C13 H8
CL O3 C15 H12
CL O3 S C7 H4
CL O4 C12 H10
CL O9 S3 SN
CL P C6 H5
CL P C13 H9
CL S C3 H4
CL S C5 H6
CL SI C8 H14
CL2 C4 H3
CL2 C5 H5
CL2 I C2
CL2 I C4 H4
CL2 N C2
CL2 N C4
CL2 N O C7 H4
CL2 N O2 P C2 H1
CL2 N O3 C7 H2
CL2 N2 O2 P C8 H6
CL2 N3 O4 S2 C9 H8
CL2 O C3 H3
CL2 O C6 H9
CL2 O C8 H3
CL2 O C9 H7
CL2 O3 C9 H5
CL2 P C6 H4
CL2 S C3 H3
CL2 S C5 H5
CL2 SI C4 H7
CL3 C6
CL3 GE C1
CL3 N O P C2
CL3 N2 O P C8 H5
CL3 O C4 H4
CL3 O2 C9 H4
CL3 SI C3 H4
CL5 C3
CO NA
CO TL
CS GE
CS O2 U
CS SN
CU NA
CU TL
D N O4 C15 H13
D O C10 H8
D2 O C10 H7
FE N6 O2 C43 H35
FE O C14 H13
GE C8 H15
GE C20 H15
GE I3 C1
GE K
HG N O3 S C1
HG O C1 H1
I C10 H8
I N3 C2
I N3 O4 S2 C9 H9
I P C14 H13
I2 P C13 H10
K O ZR
LI O2 C2
MO O5 C10 H5
N C4 H2
N C4 H8
N C5 H10
N C6 H4
N C6 H10
N C6 H12
N C7 H6
N C8 H16
N C9 H10
N C10 H6
N C11 H8
N C15 H30
N C24 H22
N O C3 H4
N O C6 H10
N O C7 H6
N O C7 H10
N O C8 H6
N O C9 H8
N O C10 H14
N O C10 H18
N O C11 H10
N O C12 H8
N O C13 H16
N O C14 H10
N O C15 H12
N O C16 H14
N O P C10 H13
N O S C9 H6
N O S C13 H6
N O2 C4 H4
N O2 C8 H8
N O2 C8 H10
N O2 C10 H6
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F3
CONTINUED

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N O2 C24 H18
N O2 P C10 H19
N O2 P C14 H27
N O2 S C6 H4
N O2 S C10 H6
N O2 S C13 H8
N O3 C2
N O3 C5 H6
N O3 C6 H8
N O3 C6 H10
N O3 C7 H4
N O3 C7 H8
N O3 C9 H10
N O3 C10 H10
N O3 C11 H8
N O3 C15 H10
N O3 C22 H26
N O3 C24 H32
N O3 C24 H34
N O3 S C5 H6
N O3 S C7 H6
N O4 C7 H6
N O4 C8 H4
N O4 C8 H8
N O4 C9 H10
N O4 C15 H14
N O4 C16 H14
N O4 C17 H14
N O4 P C6 H11
N O4 P C8 H15
N O4 S C9 H6
N O4 S C10 H10
N O5 C9 H8
N O5 S C7 H4
N O7 C26 H32
N P C10 H15
N P C11 H15
N P C14 H15
N P C14 H23
N P C19 H15
N S C4 H6
N S C4 H8
N S C5 H10
N S C9 H10
N TI C4 H10
N TI C6 H14
N2 C3 H3
N2 C4 H1
N2 C4 H5
N2 C5 H7
N2 C6 H9
N2 C8 H9
N2 C16 H15
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N2 O C5 H3
N2 O C8 H7
N2 O C11 H7
N2 O C14 H11
N2 O C14 H17
N2 O C14 H19
N2 O C15 H9
N2 O C15 H11
N2 O C15 H19
N2 O C15 H21
N2 O C16 H11
N2 O C16 H13
N2 O C17 H15
N2 O C19 H19
N2 O C19 H21
N2 O P C21 H34
N2 O S C5 H5
N2 O2 C5 H3
N2 O2 C5 H5
N2 O2 C5 H9
N2 O2 C9 H7
N2 O2 C13 H9
N2 O2 C14 H11
N2 O2 C14 H17
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N2 O2 C15 H19
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N2 O2 C16 H13
N2 O2 C17 H13
N2 O2 C19 H19
N2 O2 S C8 H9
N2 O2 S C9 H11
N2 O2 S C10 H13
N2 O2 S C11 H15
N2 O2 S C13 H17
N2 O2 S C14 H13
N2 O2 S2 C7 H7
N2 O3 C5 H5
N2 O3 C6 H3
N2 O3 C8 H5
N2 O3 C8 H9
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N2 O3 C17 H15
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N2 O3 S C9 H9
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N2 O3 S C13 H17
N2 O3 S C15 H19
N2 O3 S C16 H15
N2 O4 C7 H11
N2 O4 C8 H11
N2 O4 C10 H15
N2 O4 C13 H13
N2 O4 C13 H21
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N2 O4 C16 H15
N2 O4 C24 H19
N2 O4 S C13 H9
N2 O4 S C14 H11
N2 O4 S C15 H17
N2 O4 S2 C15 H13
N2 O5 C9 H9
N2 O5 C10 H11
N2 O5 S C7 H5
N2 O5 S C13 H9
N2 O5 S C14 H11
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F3

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N2 O5 S C15 H13
N2 O5 S C20 H15
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N2 O6 S C15 H13
N2 O7 C14 H15
N2 O7 S2 C25 H25
N2 S C19 H21
N2 SE C8 H5
N3 C4 H2
N3 C6 H12
N3 C11 H8
N3 C12 H24
N3 C14 H12
N3 C24 H24
N3 O C5 H6
N3 O C10 H14
N3 O C13 H14
N3 O C16 H12
N3 O C17 H14
N3 O S C21 H24
N3 O S C22 H24
N3 O S C22 H26
N3 O S C23 H28
N3 O S C27 H26
N3 O S C28 H28
N3 O S C29 H30
N3 O2 C5 H8
N3 O2 C13 H16
N3 O2 S C23 H26
N3 O2 S C24 H28
N3 O2 S C24 H30
N3 O2 S C25 H30
N3 O2 S C29 H30
N3 O2 S2 C8 H6
N3 O2 S2 C9 H8
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N3 O3 C6 H4
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N3 O3 C16 H8
N3 O3 C19 H14
N3 O3 S C26 H34
N3 O4 C7 H10
N3 O4 S2 C8 H10
N3 O4 S2 C9 H12
N3 O4 S2 C10 H14
N3 O4 S2 C11 H14
N3 O4 S2 C11 H16
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N3 O4 S2 C14 H18
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N3 O4 S2 C16 H16
N3 O4 S2 C16 H22
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N3 O4 S2 C20 H32
N3 O4 S2 C21 H18
N3 O4 S2 C21 H26
N3 O4 S2 C21 H34
N3 O4 S2 C22 H20
N3 O4 S2 C23 H30
N3 O5 S C14 H22
N3 O5 S C27 H32
N3 O5 S2 C16 H16
N3 O6 C5 H2
N3 P3 C18 H15
N3 S C7 H10
N3 S C19 H20
N3 S C20 H22
N3 S C21 H24
N3 S C22 H26
N3 S C23 H28
N3 S C27 H28
N3 S C28 H30
N4 C2 H1
N4 C3 H3
N4 C10 H17
N4 C15 H27
N4 NA C2
N4 O C5 H5
N4 O C6 H3
N4 O C7 H3
N4 O C10 H5
N4 O S C23 H27
N4 O S C28 H29
N4 O2 C8 H9
N4 O2 S C27 H27
N4 O2 S C28 H29
N4 O2 S2 C22 H27
N4 O3 C5 H3
N4 O4 C16 H13
N4 O4 S C9 H7
N4 O5 C19 H19
N4 O6 S2 C14 H11
N4 O7 S2 C12 H9
N4 S C24 H31
N4 S C25 H33
N4 S C27 H29
N4 S C28 H31
N5 O C4 H4
N5 O P C14 H17
N5 O5 C22 H22
N6 C5 H3
N6 C11 H9
N8 O13 S C43 H61
O C4 H5
O C5 H7
O C5 H9
O C6 H9
O C7 H11
O C8 H5
O C8 H7
O C10 H7
O C10 H9
O C12 H7
O C12 H9
O C14 H9
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F3
CONTINUED

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O C14 H11
O C15 H11
O C16 H13
O C17 H15
O C18 H11
O S C15 H9
O XE
O2 C2 H1
O2 C6 H7
O2 C6 H9
O2 C7 H9
O2 C7 H11
O2 C8 H5
O2 C8 H11
O2 C8 H13
O2 C9 H7
O2 C9 H13
O2 C10 H9
O2 C10 H15
O2 C11 H11
O2 C13 H15
O2 C15 H11
O2 C26 H41
O2 P C13 H10
O2 S C4 H5
O2 S C5 H7
O2 S C7 H5
O2 S C15 H11
O2 S C17 H15
O2 S2 C9 H7
O2 SN C8 H15
O2 SN C13 H25
O3 C7 H7
O3 C7 H11
O3 C10 H9
O3 C15 H9
O3 S C7 H5
O3 S C9 H7
O3 SI C8 H15
O4 C7 H9
O4 C8 H5
O4 C10 H15
O4 P C2 H4
O5 W C10 H5
O6 C14 H21
O6 C24 H31
O7 C25 H33
P C2 H6
P C3 H8
P C4 H10
P C9 H18
P C13 H10
P S
S C6 H5
S C7 H7
S2 C4 H5
SE SI C1 H3
SI C8 H15
SI C24 H17
SI C30 H37
SI C34 H45
SI C36 H49
XE
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F4

```
C2
C3 H2
C6 H6
C8 H4
C8 H8
C8 H10
C9 H8
C10 H4
C10 H8
C10 H12
C10 H14
C20 H14
AG B C2 H4
AG B C4 H8
AG B C6 H12
AG B C8 H16
AG B C9 H18
AG B C12 H24
AG B N C18 H15
AG B SB4 C72 H60
AS CL O4 C4 H2
B C7 H7
B C9 H15
B C10 H9
B C13 H13
B C13 H15
B C14 H13
B C15 H17
B C15 H19
B C16 H19
B C18 H17
B C20 H19
B C22 H21
B C27 H25
B C29 H23
B BR CL N2 O2 C14 H5
B BR CL3 N2 C6 H1
B CL N2 O2 C14 H6
B CL N2 O2 C15 H8
B CL N2 O4 C15 H6
B CL2 N2 C6 H3
B CL2 N3 O2 C6 H2
B CL3 N2 C6 H2
B CL5 N2 C6
B FE C10 H10
B FE O3 C7 H7
B FE O3 C8 H9
B FE O3 C13 H11
B N C6 H16
B N C7 H8
B N C9 H8
B N C17 H22
B N C19 H26
B N C21 H28
B N C24 H18
B N O
B N O S C16 H16
B N O2 P C24 H25
B N O2 P C25 H27
B N P C18 H17
B N P C28 H27
B N P C29 H29
B N2 C6 H5
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F4
CONTINUED

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B N2 C10 H7
B N2 C14 H11
B N2 C15 H17
B N2 C40 H29
B N2 O2 C15 H9
B N2 O3 C15 H9
B N2 O4 C15 H7
B N2 P C33 H36
B N2 P C37 H30
B N3 C16 H22
B N3 O2 C7 H6
B N3 O2 C19 H18
B N3 O2 C23 H26
B N3 O3 C11 H12
B N3 O3 C21 H20
B N4 C13 H11
B N4 O2 C15 H15
B N4 O4 C15 H15
B N4 O4 P C37 H28
B N6 C17 H21
B O C2 H3
B O C7 H5
B O C12 H15
B O C15 H15
B O C15 H17
B O C17 H19
B O C19 H17
B O C22 H23
B O P C28 H36
B O2 S C6 H11
B O2 S C7 H13
B O2 S C8 H15
B P C16 H20
B P C27 H26
B P C28 H28
B S C5 H11
B S C6 H13
B S C11 H15
B S C23 H17
B2 N4 NI O4 C8 H12
B2 N4 NI O4 C28 H20
B2 N4 NI O4 P C20 H39
B2 N4 NI O4 P C26 H27
B2 N5 NI O4 C15 H23
B2 N6 NI O4 C8 H18
B2 N6 NI O4 C18 H22
B2 N6 NI O4 C18 H34
B12 CS2 H8
BE N2 O2
BR C3 H3
BR C4 H1
BR I O2 C6 H6
BR K O14 S4
BR2 C4 H2
BR2 C8 H8
BR2 S C6 H2
C N2 O
CL C2
CL C3 H3
CL I O2 C6 H6
CL N C9 H8
CL O2 C6 H7
CL S C4 H3
CL2 C10 H4
CL2 O2 C7 H6
CL2 O2 C16 H8
CL2 O3 C5 H4
CL2 O3 C7 H8
CL2 S C4
CL3 N C4
CL3 N O C4
CL3 P C1
CL3 SI C2 H1
CL4 N6 C8
CL4 O C5 H4
CL4 O C6 H6
CL4 O C7 H8
CL4 O2 C10 H6
CL4 S C6
CL6 N2 C4
CL6 N2 O8 C32 H16
CL6 O2 C10 H4
CO RB2
CO TL2
CS2 O2 U
CU NA2
CU RB2
CU TL2
FE N O
GE C24 H16
GE O4 C8 H16
H3 N O
H4 O2 TI
H8 N2
H9 SE2 C6
I C3 H3
I K O12 S4
I O2 C6 H7
I2 C5 H6
LI MN
MN
MN O5 C7 H1
MN O6 C8 H1
MO O3 C10 H6
N C5 H3
N C9 H9
N C10 H11
N O3 C4 H3
N S C5 H3
N S C8 H7
N TI C5 H5
N TI C6 H15
N2 C2
N2 C4
N2 C6 H4
N2 O2 C16 H8
N2 O2 C16 H12
N2 O3 C2
N2 O4 C13 H6
N2 O6 C24 H20
N2 S C3
N2 SI C18 H14
N2 TI C10 H10
N3 C4 H3
N3 C16 H11
N3 O C16 H13
N3 O4 S2 C14 H11
N3 P3 C12 H10
N4 NI C38 H26
N4 O4 C8 H2
N4 O4 C34 H18
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F4

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N6 O2 C16 H8
O C5 H8
O C8 H6
O C10 H4
O C10 H6
O C10 H10
O C14 H16
O P C7 H7
O RU
O S C5 H6
O S C6 H8
O S12 C14 H14
O XE
O2 C6 H2
O2 C6 H6
O2 C7 H2
O2 C8 H4
O2 C12 H10
O2 C15 H8
O2 P C4 H7
O2 S C6 H6
O2 S C6 H8
O3 C7 H2
O3 P C4 H7
O3 S C6 H2
O3 S C10 H10
O3 S C17 H10
O3 W C10 H6
O4 C10 H10
O4 C16 H10
O4 C18 H14
O4 S C13 H6
O5 C8 H6
O5 C10 H10
O6 C26 H36
P C1 H3
P C2 H5
P C3 H5
P C3 H7
P C4 H9
P C6 H5
P C7 H7
P C8 H7
P C8 H9
P C9 H11
S C4 H2
S C4 H4
S C4 H8
S C5 H6
S C6 H8
S C8 H10
S C10 H8
S2 C2
S3 C2
S4 C2
SE
SE C5 H6
SI C24 H16
SI2 C8 H10
SI2 C8 H18
SI2 C9 H12
SI2 C18 H14
XE
```

F5

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C4 H1
C4 H3
AS CO O3 C23 H15
B N4 C7 H6
BE2 RB
BR HG C6
BR S C6 H4
BR2 C3 H1
CL C6 H6
CL HG C6
CL N C2 H1
CL N C3 H1
CL N2 C4
CL O S C6 H4
CL O2 C7 H6
CL S C3 H2
CL S C6 H4
CL2 N C2
CL2 N O C4
CL2 N O3 C4
CL2 N O4 S2 C8 H4
CL2 O2 C11 H1
CL3 N2 O S C6 H2
CL5 C11
CO N2 O2 P C20 H15
CO O3 P C23 H15
CO O3 SB C23 H15
CO O4 C6
CO O4 P C24 H15
CO O5 C7
CR2
CS3 O2 U
H3 O TI
H4 N U
HG C7 H3
HG C12 H5
I NI P2 C28 H24
LI C6
LI MN
MO N O2
N C5 H8
N C8 H6
N C9 H8
N O S C7 H8
N O S C13 H10
N O S C19 H14
N O TE
N O2 C8 H4
N O2 S C6 H4
N O2 S C8 H8
N O2 S C12 H8
N O3 C3
N O3 S C6 H4
N O3 S C7 H6
N O3 S C8 H6
N O4 C3 H2
N O6 S2 C6 H4
N S C4 H4
N S C6 H6
N S C12 H10
N2 O S C16 H11
N2 O2 S C8 H7
N2 S C19 H19
```


F5
CONTINUED

```
N3 O4 S2 C8 H8
N3 O4 S2 C15 H18
N3 P3 C4 H9
N3 P3 C6 H5
N3 P3 C7 H7
N3 S C6 H4
N4 S C11 H5
O OS
O S C6 H5
O S C7 H7
O S C8 H9
O2 C13 H21
O2 C15 H25
O2 C19 H33
O2 C21 H37
O2 S C7 H5
O2 SN C9 H15
O2 SN C10 H17
O2 SN C14 H25
O2 SN C18 H33
O3 S C7 H5
O4 C7 H7
O4 S2 C6 H5
O7 C5 H3
S C6 H5
S C8 H7
S C12 H9
S2 C4 H3
S3 C6 H9
U
```

F6

```
C4
C6 H4
C8 H6
C8 H8
C14 H8
AG HG N O3 S2 C2
AL2 BA3 FE2
AS N O
AS O C2 H3
AS O C3 H5
AS O C7 H5
AS O6 C6 H3
AS S C4 H5
B P C13 H10
B P2 C4 H9
B2 CL2 N2 C12 H10
B2 K2 O4 S
B2 N2 C6 H8
B2 N2 C10 H10
B2 N2 C12 H12
B2 N2 C14 H16
B2 N2 O2 C14 H16
B2 N2 O3 C10 H8
BI C3 H3
BR C3 H1
BR N O C4
BR N O C4 H2
BR N O2 C5
BR N O3 C12 H8
BR O P C2
BR2 C4 H2
BR2 CL2 P2 PT C26 H20
BR2 N2 C8 H10
CL N C11 H10
CL N O C4
CL N O C5
CL N O4 C26 H34
CL O C4 H1
CL O C5 H5
CL O C7 H9
CL O C9 H3
CL O C15 H7
CL O P C2
CL O S C2 H3
CL O S C4 H3
CL S C3 H1
CL2 C8 H6
CL2 C9 H8
CL2 I2 P2 PT C26 H20
CL2 O C5 H4
CL2 O2 C14 H8
CL2 O2 C19 H16
CL2 O4 C20 H18
CL2 P2 PT C26 H20
CL2 S C3
CL2 S C6
CL2 SI C4 H4
CL2 SI C5 H6
CL2 SI C6 H8
CL3 N C5
CL3 P C2
CL3 SI C3 H1
CL4 N O2 P C5
CL4 O S C2
CO P C10 H10
CO P C16 H14
CO P C24 H36
CO2 O6 C10
CR K2 NA
CS2 GE
CS2 SN
D O P C2
D3 O SB C2
FE K2 NA
FE MN O7 P C12 H6
FE O2 P C9 H9
FE O2 P C10 H11
FE O2 P C11 H11
FE O2 P C11 H13
FE O2 P C13 H13
FE O2 P C13 H15
FE O2 P C15 H19
FE O2 P C25 H41
FE O3 P C21 H15
FE P C24 H36
FE2 O4 P C14 H11
GA K2 NA
GE C1
GE I2 C2
GE N2 O2
H2 TI
H4 N U
H5 N O2
H8 N2 U
HG N2 O2 C4
HG O2 S C3
```


F6

```
HG3 O P C3 H9
I MN2 O8 P C10
I O3 P C8 H10
I SI C9 H15
I2 P2 PT C36 H24
MN O5 C9 H1
MO N O
MO O4 P C9 H5
N C5 H7
N C9 H5
N O C4 H3
N O C9 H5
N O C10 H9
N O C11 H11
N O C15 H9
N O P
N O SB
N O U
N O V
N O2 C5 H3
N O2 C7 H7
N O2 C13 H11
N O2 S C18 H13
N O2 V
N O3 C5 H3
N O3 C12 H5
N O3 C12 H9
N O3 C14 H13
N O3 C19 H11
N O3 C19 H13
N O3 C20 H15
N O4 C12 H9
N O4 C14 H13
N O4 C19 H15
N O4 C20 H17
N P C2
N P2 C7 H15
N2 C5 H2
N2 C6 H6
N2 C8 H10
N2 O C2
N2 O C9 H10
N2 O C10 H10
N2 O C17 H10
N2 O2 C4 H2
N2 O2 C6 H6
N2 O2 C9 H8
N2 O2 C10 H8
N2 O2 C17 H12
N2 O2 C18 H14
N2 O2 S2 C18 H14
N2 O2 SI
N2 O2 SN
N2 O2 TI
N2 O2 TI C8 H20
N2 O2 ZR
N2 O3 C10 H6
N2 O5 S C18 H16
N2 O5 S C19 H18
N2 O5 S C20 H20
N2 O6 C30 H16
N2 O6 S2 C10 H10
N2 O8 C16 H6
N2 P C5 H13
N2 S2 C7 H8
N2 S2 C14 H10
N2 SI C10 H12
N2 SI C18 H16
N2 TI C4 H12
N2 TI C8 H24
N2 TI C10 H12
N2 TI C12 H32
N3 C4
N3 C5 H3
N3 C11 H13
N3 C17 H11
N3 C29 H51
N3 O C3 H1
N3 O C4 H3
N3 O C16 H11
N3 O C17 H13
N3 O2 C18 H15
N4 C6 H8
N4 C7 H2
N4 C7 H10
N4 C8 H12
N4 C9 H14
N4 C10 H16
N4 C11 H18
N4 NI O4 C16 H32
N4 O4 S4 C14 H12
N4 O4 S4 C16 H16
N4 O4 S4 C30 H24
N4 O5 C13 H10
N5 C5 H5
N6 O10 S2 C28 H42
NI2 C14 H10
O C3 H2
O C4 H2
O C6 H2
O C6 H4
O C6 H6
O C7 H4
O C7 H8
O C8 H4
O C8 H6
O C9 H10
O C12 H18
O C15 H8
O C15 H10
O C16 H10
O P C2 H1
O P C2 H3
O P C3 H3
O P C3 H5
O P E6 H9
O P C7 H5
O S C2 H4
O SB C2 H3
O SB C3 H5
O SB C7 H5
O2 C7 H6
O2 C9 H4
O2 C28 H20
O2 PT
O2 S2 C18 H6
O2 S4 C18 H6
O3 S2
O4 C10 H12
O4 C16 H8
O4 C21 H18
```


F6
CONTINUED

```
O4 C30 H24
O4 P W C9 H5
O4 S2 C18 H6
O4 SN C8 H10
O4 SN C12 H18
O4 SN2 C28 H20
O4 TI C14 H10
O7 C17 H16
P TC C12 H12
P2 C4 H6
PT XE
RB U
RB2 SN
S C14 H8
S3 C2
W
```

F7

```
C5 H1
C5 H3
C7 H1
C8 H3
C8 H9
C8 H11
C10 H1
C10 H9
C10 H11
C11 H3
C13 H13
C13 H19
B BR N2 C6 H1
B N2 C6 H2
B2 H5 N2
BR C11 H2
BR O2 C11 H8
BR2 O2 C11 H9
CL N2 S C5
CL2 C6 H3
CL2 N O2 P C4 H1
CL3 C11
CL3 O C5
CL6 I C15 H8
CO O4 C7
FE I N2 O2 C15 H8
FE I N2 O2 C15 H10
FE I O3 P C24 H15
H4 N U
H5 V
H6 N O
HG O C3 H1
I C4
I C7 H6
I C7 H8
I C10 H8
I C10 H10
I C13 H16
I NI P2 C29 H24
I O2 C7 H6
I O2 C8 H8
I O2 C16 H24
I O16 C43 H64
N C4
N C7 H2
N C10 H8
N O C14 H22
N O2 C3
N O2 C4
N O2 C7 H8
N O2 C17 H12
N O3 C4
N S C5 H4
N S C6 H6
N2 C4 H3
N2 C7 H3
N2 C10 H3
N2 C14 H7
N2 C17 H7
N2 PD C14 H11
N3 C3
N3 C4 H2
N4 C10 H5
O C5 H5
O C6 H5
O C6 H7
O C7 H9
O C8 H11
O C9 H5
O C10 H1
O C11 H3
O C11 H11
O C11 H13
O S C8 H3
O2 C6 H7
O2 C7 H7
O2 C11 H1
O2 C11 H9
O2 C13 H15
O2 C14 H19
O2 C14 H21
O2 C16 H25
O2 C17 H5
O2 C20 H33
O2 C22 H37
O2 S C3 H1
O2 S C5 H5
O2 S C13 H5
O2 SN C10 H15
O3 C8 H9
O3 C11 H11
O3 S C17 H7
O5 C13 H15
S C5 H3
S C7 H1
S C13 H5
S2 C5 H3
S2 C6 H5
S3 C7 H9
S3 C10 H15
SE SI C3 H3
SI C6 H9
```

F8

```
C5
C5 H2
C8
```


F8

```
AG2 B2 C6 H12
AG2 B2 N6 C36 H30
B2 CL C10 H11
B2 CL C12 H15
B2 CO
B2 CO N6 C12 H18
B2 CU
B2 CU N4 C8 H12
B2 FE
B2 FE N6 C12 H18
B2 H6 N2
B2 MN
B2 MN N4 C8 H12
B2 N4 C10 H24
B2 N4 NI C12 H32
B2 N4 O2 C14 H6
B2 N4 ZN C8 H12
B2 N7 NI C14 H21
B2 NI
B2 RU C12 H12
B2 ZN
BR C5 H3
BR N C4
CL C4 H1
CL C5 H3
CL N C4
CL N C11 H8
CL2 C5
CL2 C6
CL2 C6 H2
CL3 N O3 C6
CL4 O C6
GE K2 G1
I C5 H3
I P C4
I2 P2 C4
N C11 H9
N C12 H11
N2 C2
N2 C3
N2 O3 C4
N2 O3 C14 H10
N2 O4 C10 H12
N2 S C5
N4 C6 H2
N4 O4 C11 H6
O C5 H2
O C6 H6
O3 P C4 H3
O3 S C12 H10
O4 C6 H2
S C3
S C4
S C8 H6
S2 C4
S2 C10 H6
S3 C8 H4
S3 C4
SE C4
SE V
SE2 C4
```

F9

```
AS S C3
AS SE C3
B3 O3 C9 H12
B3 O3 C21 H12
CL N C5 H1
CL O C15 H20
CL S C4
CL2 C6 H1
CR O6 C15 H12
CS FE O3 C9
DY O6 C15 H12
DY O6 S3 C24 H12
FE N O3 C13 H12
GD O6 C15 H12
GD O6 S3 C24 H12
HO O6 C15 H12
HO O6 S3 C24 H12
I C5 H2
I O2 C12 H14
MO O6 C15 H12
MO O6 S3 C24 H12
N C4
N C5
N C11 H8
N O C4
N O C6 H4
N O C15 H22
N O2 C4
N O4 C5
N3 C3
N3 O3 C9 H6
N7 O3 C12 H6
ND O6 C15 H12
ND O6 S3 C24 H12
O C5 H1
O C9 H9
O S2 C5 H3
O2 C9 H11
O2 C10 H11
O2 C12 H15
O2 C15 H21
O2 C17 H25
O3 S13 C12 H21
O4 C13 H15
O6 S3 SM C24 H12
O6 SM C15 H12
P C3
P S C3
P SE C3
P3 PT C54 H36
U2
```

F10

```
C6
C11
CL S2 C2 H3
CL2 C5
CL2 C6
CL2 O C6
HG C12
HG N2 C22 H8
HG P2 C38 H24
```


F10
CONTINUED

```
I O3 P C10 H10
N O C9 H1
N O2 C9 H7
N O2 S2 C6 H3
N S2 C6 H5
N2 C3
N2 C4
N2 O2 C8 H6
N2 S2 C12 H8
N3 C6
N3 C7 H3
N3 O C6 H3
N4 C8 H8
O C5
O C6 H2
O S C2
S C3
```

F11

```
BR O2 C13 H8
CL O C7 H2
F O3 C18
I C6
I O2 C18 H24
N C5
N C12 H8
N O C5
N O2 C9 H8
N3 C3
N3 C7
O C6 H1
O2 C8 H3
O2 C10 H7
O2 C13 H9
O2 C16 H21
O2 C18 H25
O2 C22 H33
O2 C24 H37
O3 C10 H9
O3 C13 H11
```

F12

```
C10
C12 H8
B4 FE K4 N6 FE C6
B4 K2 N4 NI C4
BR2 CL2 P2 PT C16 H10
CA P2
CL2 C6
CL2 I2 P2 PT C16 H10
CL2 P2 PT C16 H10
CL2 SI C6 H2
CO C13 H5
FE O3 P C29 H15
FE O4 C12
FE2 I2 O6 P2 C10
N2 C6
N2 C6 H2
N2 O3 C16 H10
N3 O6 P3 C12 H12
N4 P2 C10 H24
O C6
O C7
O C10 H2
O C30 H16
O C30 H18
O2 C30 H18
O4 C14 H14
O4 C18 H6
O6 P2 C16 H20
O9 C14 H10
P2 C4
P2 SR
S C4
S2 C5
```

F13

```
AS SE C5
I O2 C19 H24
N C6
O C7 H1
O2 C17 H21
O2 C19 H25
```

F14

```
C7 H2
C9 H2
C11
C20 H20
FE N2 O2 C18 H8
FE N2 O2 C18 H10
HF4 O
I O3 P C12 H10
N2 O2 C9 H6
N2 PD C16 H8
N3 C8
N3 C9 H3
N3 O C8 H3
N4 C8 H2
N4 C9 H6
N4 C10 H8
N8 O C13 H8
O C7
O C8 H2
O S C5
O S C6
O ZR4
O2 C8
O2 C9 H2
O3 C9 H4
O4 C14 H12
O4 C28 H40
O4 C32 H48
O4 TI C18 H10
S C6
S2 C6
S3 C6
```

F15

155

C9 H3
C9 H5
BR O2 C15 H8
CU O4 C11
I C8
I C9 H4
I C13 H12
I C15 H16
I C25 H36
I O2 C11 H6
I O2 C12 H8
I O2 C13 H10
I O2 C15 H14
I O2 C18 H20
I O2 C20 H24
I O2 C24 H32
I O2 SI C14 H16
I O4 C17 H16
N C14 H12
N O2 C11 H8
N O3 C8
N3 C9
N5 O C10 H4
N5 O5 C10 H10
N7 O3 C15 H6
O C8 H1
O2 C10 H3
O2 C10 H5
O2 C11 H7
O2 C12 H7
O2 C12 H9
O2 C13 H9
O2 C13 H11
O2 C14 H11
O2 C14 H13
O2 C15 H9
O2 C15 H15
O2 C16 H17
O2 C18 H21
O2 C20 H25
O2 C24 H33
O2 C26 H37
O3 C15 H11

F16

CL2 C8
I C8 H1
N2 C8
N2 O3 C18 H10
O C8
O C9 H2
O2 C10 H4
S C6
S2 C3

F17

I O2 C21 H24
O2 C19 H21
O2 C21 H25
U4

F18

C10 H4
CL2 O C10
CR O6 C15 H3
N2 C8
N2 C10 H2
N2 C12 H6
N2 C14 H8
N2 O6 C15
N3 O6 P3 C12 H12
N3 O6 P3 C15 H12
N3 P3 C6
O6 RH C15 H3

F19

I O2 C22 H24
O2 C20 H21
O2 C22 H25

F20

M04
N2 C10 H2
N2 O3 C20 H10
O C10
O2 C11

F21

I O2 C23 H24
N7 O3 C18 H6
O2 C21 H21
O2 C23 H25

F22

O C11

F23

I O2 C15 H6
O C13 H5

F24

B8 K4 M0 N8 C8
N2 O3 C22 H10
N4 O8 P4 C16 H16

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F24

N4 P4 C8

F26

C14 H4

F28

N2 O3 C24 H10
O C14

F30

CL12 N3 O6 P3 C18
N3 O6 P3 C18 H12

F34

N2 C16

F40

N4 O8 P4 C24 H16

F42

CL12 N3 O6 P3 C24
N3 O6 P3 C24 H12
N3 P3 C18

F56

CL16 N4 O8 P4 C32
N4 O8 P4 C32 H16

F72

N3 O6 P3 C42 H18

F96

N4 O8 P4 C56 H24

FE

C10 H10
C12 H14
C13 H12
C13 H14
C14 H12
C14 H14
C14 H16
C15 H18
C16 H14
C16 H18
C17 H16
C18 H16
C18 H18
C18 H26
C19 H16
C19 H18
C19 H20
C19 H22
C20 H18
C20 H22
C20 H30
C22 H18
C22 H26
C22 H34
C24 H22
C24 H36
C26 H18
C26 H22
C26 H26
C26 H42
C28 H30
C28 H46
C30 H50
C38 H34
C48 H38
C62 H50
C105 H80
AG4 N6 C6
AL BE3 CS MG NA
AL O21 SI12 C72 H60
AS O4 C22 H15
AS2 CL4 C38 H36
AS2 O3 C39 H30
B CL4 N2 C4 H16
B CL4 N2 C14 H20
B CL4 N2 C16 H24
B CL4 N2 C20 H32
B CL6 N2 C4 H14
B CL6 O2 C8 H20
B F4 C10 H10
B F4 O3 C7 H7
B F4 O3 C8 H9
B F4 O3 C13 H11
B O3 C45 H35
B2 F8
B2 F8 N6 C12 H18
B2 N4 O4 C32 H32
B3 C108 H78
B4 F12 FE K4 N6 C6
B4 F12 K4 N6 FE C6
BA2 O7 C5 H17
BR CL5 N6 C41 H30
BR N C11 H8
BR N5 C57 H44
BR N6 C21 H25

Fe CONTINUED

157

BR N6 C41 H35
BR N6 C45 H43
BR N6 C46 H45
BR N6 C49 H39
BR N6 C57 H43
BR N6 C61 H45
BR N6 C82 H60
BR N6 C101 H75
BR N6 O5 C51 H55
BR N6 O6 C47 H41
BR N6 O8 C49 H43
BR N6 O10 C51 H45
BR N8 O4 C41 H33
BR O2 C11 H9
BR O2 C12 H11
BR O2 C20 H19
BR O3 C6 H5
BR O3 C7 H5
BR O3 C7 H7
BR O4 C8 H5
BR O4 C23 H21
BR O5 C8 H7
BR O5 C14 H9
BR2 N2 C14 H12
BR2 N3 C15 H11
BR2 N5 O5 C45 H35
BR2 N5 O10 C65 H115
BR2 N5 S5 C30 H25
BR2 N6 C41 H34
BR2 N6 C48 H42
BR2 N9 O8 C40 H31
BR2 O C24 H18
BR2 O2 P2 C14 H30
BR2 O3 C6 H4
BR2 O3 TE C15 H10
BR3 O6 C42 H24
BR3 O6 C54 H30
CL I N C14 H19
CL N2 O8 C28 H44
CL N4 C32 H26
CL N5 O7 C28 H24
CL N6 C41 H35
CL N6 O4 C41 H35
CL N6 O6 C46 H54
CL N6 O6 C50 H62
CL N6 O6 C52 H50
CL N6 O6 C56 H58
CL O2 C8 H7
CL O2 C10 H11
CL O2 C20 H15
CL O2 C22 H19
CL O2 C23 H21
CL O2 C25 H25
CL O2 C27 H21
CL O2 C37 H47
CL O2 P C25 H20
CL O3 C6 H5
CL O3 C7 H5
CL O3 C7 H7
CL O3 C8 H7
CL O4 C8 H5
CL O4 C8 H7
CL O4 C9 H7
CL O4 C14 H9
CL O6 C10 H11
CL O6 C26 H14
CL O7 C7 H7
CL O7 C8 H7
CL O8 C9 H9
CL2 N2 C14 H12
CL2 N3 O C23 H25
CL2 N6 O8 C48 H42
CL2 N8 O2 S2 C10 H20
CL2 O2 C12 H8
CL2 O2 P2 C14 H30
CL2 O2 P2 C22 H30
CL2 O2 P2 C30 H30
CL2 O3 C21 H12
CL2 P2 C20 H30
CL2 P2 C28 H30
CL3 N2 O2 C12 H22
CL3 N6 O4 S C43 H35
CL3 O2 SN C7 H5
CL3 O6 S3 C33 H30
CL3 O20 C16 H32
CL4 GE O6 C15 H21
CL4 K
CL4 N O C14 H12
CL4 N4 O C40 H39
CL4 O C19 H19
CL4 O C30 H23
CL4 O2 C16 H13
CL4 O6 C22 H25
CL6 O3 SB C7 H7
CO N12 C6 H18
CO O6 C11 H5
CR H3 O9 P3
CR2 O4
CS F9 O3 C9
CU O2
CU P02
CU2 N6 C6
F O
F3 N6 O2 C43 H35
F3 O C14 H13
F4 N O
F6 K2 NA
F6 MN O7 P C12 H6
F6 O2 P C9 H9
F6 O2 P C10 H11
F6 O2 P C11 H11
F6 O2 P C11 H13
F6 O2 P C13 H13
F6 O2 P C13 H15
F6 O2 P C15 H19
F6 O2 P C25 H41
F6 O3 P C21 H15
F6 P C24 H36
F7 I N2 O2 C15 H8
F7 I N2 O2 C15 H10
F7 I O3 P C24 H15
F9 N O3 C13 H12
F12 O3 P C29 H15
F12 O4 C12
F14 N2 O2 C18 H8
F14 N2 O2 C18 H10
GE C28 H24
GE O2 C25 H20
GE O3
GE2 C46 H38
H O2

FE

158

H6 I2 NA5 O14
I N C20 H24
I N C21 H26
I N O C13 H10
I N6 C41 H35
I N6 C77 H139
I N6 C86 H165
I O2 C20 H15
I O3 C6 H5
I O3 C7 H7
I O4 C8 H5
I2 N2 C14 H12
I2 N6 C30 H30
I2 O2 P2 C14 H30
I2 O3 TE C15 H10
I2 P4 C12 H32
K2 N6 O C5
K3 N6 NA O2 C5
LA2 S4
MO2 N6 O4 C6
N C15 H13
N O C13 H11
N O C15 H13
N O C17 H15
N O C19 H17
N O2 C21 H19
N O2 C22 H21
N O2 C23 H21
N O2 C23 H23
N O2 C24 H23
N O2 C24 H25
N O2 C25 H27
N O2 C26 H21
N O2 C27 H23
N O2 S C17 H13
N O4 C4 H3
N2 C12 H8
N2 C12 H12
N2 C13 H12
N2 C14 H14
N2 C20 H16
N2 O C23 H20
N2 O2 C11 H8
N2 O2 C12 H6
N2 O2 C12 H8
N2 O2 C17 H12
N2 O2 C26 H24
N2 O2 P2 C26 H24
N2 O2 P2 C36 H30
N2 O2 P2 S2 C16 H30
N2 O3 C16 H12
N2 O3 SB C19 H15
N2 O3 TE C13 H10
N2 O4 C2 H2
N2 O4 C4 H6
N2 O4 C9 H10
N2 O4 C10 H10
N2 O4 C25 H23
N2 O4 C34 H32
N2 O4 C36 H36
N2 O4 C38 H36
N2 O4 C38 H40
N2 O4 C40 H44
N2 O4 C44 H36
N2 O4 S C14 H12
N2 O8 C30 H20
N3 O S4 C6 H12
N3 O2 C16 H19
N3 O3 C21 H13
N3 O6 C18 H18
N3 O11 C14 H7
N3 O12 S3 C33 H30
N3 S6 C15 H30
N4 C16 H10
N4 O2 C24 H22
N4 O3 C17 H8
N4 O4 C18 H16
N4 O6 C32 H28
N4 O7 C16 H10
N4 O7 C16 H12
N5 NA3 O C5 H2
N5 O4 C19 H15
N6 C34 H28
N6 C38 H36
N6 C39 H30
N6 C58 H44
N6 C58 H76
N6 NA3 C5 H3
N6 O C41 H36
N6 O2 C12 H8
N6 O2 C22 H16
N6 O2 C26 H16
N6 O4 S C41 H36
N6 O4 S C46 H40
N6 O4 S C57 H64
N6 O4 S C62 H78
N6 O4 U2 C6
N6 O6 C28 H24
N6 O6 S3 C27 H39
N6 O6 S3 C30 H45
N6 O8 S4 C34 H52
N6 O8 S4 C38 H60
N6 O9 S C46 H28
N6 O10 C27 H47
N6 O11 C29 H49
N6 O11 C30 H51
N6 O11 S C46 H30
N6 O12 S4 C34 H28
N6 O19 S6 C41 H36
N6 S3 C21 H33
N6 S3 C39 H45
N6 S4 C26 H44
N6 S4 C50 H60
N6 ZN2 C6
N7 C7 H5
N7 C42 H35
N7 O3 C41 H35
N7 O4 P S C26 H26
N7 O6 S C41 H35
N7 S C42 H35
N8 C12
N8 C22 H18
N8 C24 H8
N8 C34 H18
N8 C34 H42
N8 C36 H22
N8 O2 S2 C10 H18
N8 O2 S2 C12 H22
N8 O8 S C41 H34
N9 O9 C36 H18
N9 S5 C45 H34

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N10 C22 H48
N10 O7 C46 H47
N10 O7 C48 H51
N10 S6 C66 H51
N11 O14 S C46 H33
N12 O12 C34 H22
N13 O15 C41 H29
N14 C60 H32
N18 S6 C66 H51
NA O4 SI4 C12 H36
NA2 O5 C5 H15
NA3 O6 C6
NA3 O10 C10 H34
NA3 O18 P6
NA4 O7 C7 H21
NA4 O10 C10 H33
O C9 H10
O C10 H12
O C13 H10
O C13 H12
O C13 H14
O C14 H14
O C14 H16
O C15 H16
O C15 H18
O C15 H20
O C16 H18
O C17 H12
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O C18 H16
O C18 H18
O C19 H14
O C19 H16
O C19 H18
O C19 H20
O C20 H22
O C22 H24
O S C15 H12
O S C15 H14
O S C17 H16
O SI C17 H26
O SI C18 H28
O SI C23 H30
O2 C9 H10
O2 C10 H10
O2 C10 H12
O2 C11 H12
O2 C12 H14
O2 C13 H14
O2 C14 H14
O2 C14 H18
O2 C15 H12
O2 C15 H14
O2 C15 H16
O2 C15 H18
O2 C16 H14
O2 C16 H16
O2 C16 H18
O2 C17 H18
O2 C18 H18
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O2 C19 H18
O2 C19 H22
O2 C20 H18
O2 C20 H26
O2 C22 H24
O2 C24 H22
O2 C24 H28
O2 C26 H22
O2 C26 H26
O2 C30 H44
O2 P C10 H11
O2 S C17 H14
O2 S C19 H18
O2 S2 C20 H14
O2 S2 C20 H18
O2 S2 C24 H22
O2 SN C25 H20
O3 C7 H6
O3 C9 H6
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O3 P C25 H19
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O3 S C21 H20
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O3 SB2 C39 H30
O4 C4 H13
O4 C8 H6
O4 C8 H8
O4 C9 H10
O4 C10 H8
O4 C12 H10
O4 C13 H12
O4 C14 H6
O4 C14 H10
O4 C14 H14
O4 C15 H10
O4 C17 H16
O4 C18 H22
O4 C22 H18
O4 C25 H24
O4 C28 H18
O4 P C16 H21
O4 P C18 H25
O4 P C20 H29
O4 SB SI4 C16 H48
O4 TE C16 H10
O5 C5
O5 C10 H8
O5 P C12 H21
O5 P C14 H23
O6 C4 H3
O6 C14 H10
O6 C16 H10
O6 C18 H27
O6 C30 H27

FE

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O6 C32 H26
O6 C54 H99
O6 P3 C18 H42
O6 P3 S6 C18 H42
O6 S3 C33 H33
O6 TA2
O8 C16 H18
O8 SI4 C24 H22
O15 SI8 C48 H44
P4 C12 H32
S C15 H14
S C17 H18
S C20 H24
S2 C20 H18
S4 Y2
S7 Y4
SI C13 H18
SI2 C16 H26
SI2 C82 H158

FE2

C24 H22
C24 H26
C26 H22
C26 H30
C30 H26
C34 H30
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AL2 H O10 P2
BA4 H16 O15
BA5 O8
BA5 O16 C5 H26
BA6 O22 C5 H36
CL2 O4 C16 H12
CL3 O4 C32 H20
CL4 N8 O C48 H32
CL4 N8 O4 C40 H32
CL6 O4 PT C20 H22
CL6 O4 PT C22 H26
CL8 N4 O2 C42 H54
F6 O4 P C14 H11
F12 I2 O6 P2 C10
H3 O12 P3
HG C26 H22
HG C28 H26
HG O4 C14 H10
N2 C24 H22
N2 O2 C24 H24
N4 O5 C31 H28
N4 O5 C34 H32
N6 O3 C9 H5
N6 O3 C9 H11
N6 O12 C6 H6
N6 O12 C12 H18
N6 O12 C36 H54
N8 O9 S2 C40 H32
N8 O9 S2 C48 H32
N12 O4 S C82 H70
N12 O13 C40 H32
N12 O13 C48 H32
N12 O34 S11 C82 H20
NA4 O13 C13 H42
NA6 O15 C15 H48
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O C25 H28
O C26 H26
O C26 H30
O C30 H38
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O2 C24 H22
O2 C24 H26
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O2 C26 H18
O2 P C20 H19
O3 C32 H38
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O4 C26 H30
O4 C40 H30
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O5 C23 H14
O5 P C27 H19
O5 P C29 H21
O5 P C51 H35
O6 C14 H10
O6 C16 H10
O6 C17 H14
O6 C36 H22
O6 S2 C8 H6
O6 SI6 C18 H54
O7 C13 H6
O7 C15 H8
O8 C12 H6
O8 C14 H12
O8 C15 H14
O8 C16 H16
O8 C20 H14
O8 C26 H14
O8 C28 H18
O8 P2 C56 H44
O8 TE2 C20 H14
O9 C32 H28
O9 S2
O10 C22 H14
O10 C24 H28
O10 C26 H18
O12 S C25 H28
O75 W24
S5 Y2

FE3

C31 H28
C32 H30
BA O13 C13 H41
B15 N21 O9 C18
B16 N24 O18 C18
CL12 O10 C50 H65
CR2 H6 O18 P6
H2 MN O10 P2
I P C31 H30
K4 N18 O8 U4 C18
N18 NA2 O10 U5 C18

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N18 NA4 O8 U4 C18
O C31 H28
O P C30 H27
O4 C48 H56
O8 C14 H6
O12 C28 H16

FE4

AL8 CE
CL H5 O12
CO N9 O21 C6 H30
CO2 N12 O21 C6 H36
H5 N O11
H6 O9
H15 I3 O24
N18 O21 C12 H36
O C42 H38
O12 C3

FE5

CL6 O12 C24 H12
CS8 N30 O12 U6 C30
CU O8
K8 N30 O12 U6 C30
N30 O12 RB8 U6 C30

FE6

CU12 N30 C30

FE7

BI4 LI16 N42 C23
CS12 N42 O16 U8 C42
N16 O24 C24 H32
N42 O16 RB12 U8 C42

FE8

O19 C1 H10

FE9

BI16 N66 O36 C54
CO10 N70 C54 H64

FE10

CU12 N24 C24

FE15

B122 N96 O18 C90

FE16

B120 N96 NA4 C96

F120

N3 O6 P3 C66 H18

F160

CL24 N4 O8 P4 C88
N4 O8 P4 C88 H24

F800

C5 H2

G2

O2 C9 H18

GA

C6 H15
C10 H19
C10 H21
C12 H27
C30 H63
AL3 CL6 C12 H30
B N2 C2 H16
BR N2 O2 C8 H18
BR O4 C8 H16
BR O4 C10 H16
BR2 N4 O2 C23 H25
BR4 N4 O2 C29 H29
CL C2 H6
CL C4 H10
CL N2 C2 H12
CL N2 C4 H14
CL N2 O2 C8 H18
CL N8 C32 H16
CL O4 C8 H16
CL O4 C10 H16
CL3 O20 C16 H32
CL4 N4 O C40 H39
CL4 N4 O2 C23 H25
CL4 N4 O2 C29 H29

Ga
CONTINUED

D3 N C3 H9
F C4 H10
F K C6 H15
F6 K2 NA
H3 O8 P2
I4 N4 O2 C23 H25
I4 N4 O2 C29 H29
K O4 SI4 C12 H36
LI O4 SI4 C12 H36
N C3 H12
N2 NA O8 C10 H16
N2 NA O9 C10 H14
N2 O8 C10 H17
N3 O6 C18 H18
N8 O C32 H17
NA O4 SI4 C12 H36
O C2 H5
O C6 H15
O C12 H27
O C30 H63
O4 SB SI4 C16 H48
TE

GA2

AS2 C28 H32
AS4 BR4 C54 H42
AS4 CL4 C54 H42
BR4 S4 C8 H20
BR4 S4 C8 H24
BR4 S4 C16 H16
BR4 S4 C16 H40
BR4 S4 C24 H56
BR4 S4 C48 H40
CA4 O5 S2
CA4 O6 S
CE4 O9
CL4 S4 C8 H20
CL4 S4 C8 H24
CL4 S4 C16 H16
CL4 S4 C16 H40
CL4 S4 C24 H56
CL4 S4 C48 H40
CL4 SE4 C16 H32
DY4 O9
ER4 O9
EU4 O9
GD4 O9
HO4 O9
LA4 O9
N2 C4 H16
N4 O4 S C8 H28
ND4 O9
O6 SI6 C18 H54
O9 PR4
O9 SM4
O9 TB4
O9 Y4
P2 C28 H32
TE3

GA4

N4 C12 H24

GD

AG3 N6 C6
AL3 B4 O12
AS O3
B4 CR3 O12
CR N9 O6 S6 C24 H15
F9 O6 C15 H12
F9 O6 S3 C24 H12
I3
N2 O8 C10 H13
O6 C30 H27
O6 C45 H33

GD2

CO17
O2 TE
O5 TE
O6 TE

GD4

AL2 O9
GA2 O9

GE

C2 H6
C4 H8
C4 H10
C5 H12
C6 H14
C7 H18
C8 H16
C8 H18
C9 H18
C9 H20
C10 H14
C10 H16
C10 H20
C11 H16
C11 H20
C11 H24
C11 H26
C12 H16
C12 H28
C13 H14
C13 H30
C14 H16
C14 H26
C15 H22
C16 H16
C16 H18

GE

C17 H20
C17 H32
C18 H18
C18 H20
C18 H22
C19 H24
C20 H26
C20 H28
C21 H22
C23 H20
C26 H20
C27 H22
C30 H24
C31 H24
C36 H28
AG P C36 H30
AG P3 C72 H60
AS H5
AU P C21 H24
AU P C36 H30
BA O3
BA2 O4
BR C6 H15
BR C8 H19
BR C10 H13
BR C11 H15
BR C12 H27
BR O2 C22 H23
BR2 C4 H8
BR2 C5 H10
BR2 C14 H10
BR2 I2 C12 H8
BR2 O C12 H8
BR3 C3 H5
BR3 I C18 H12
CL C6 H15
CL C9 H21
CL C10 H15
CL C10 H23
CL C12 H27
CL O3 C6 H15
CL O3 C12 H27
CL2 C4 H8
CL2 C5 H10
CL2 C14 H10
CL2 I2 C12 H8
CL2 O C12 H8
CL2 O2 C4 H10
CL2 O2 C6 H14
CL2 O2 C8 H18
CL2 O2 C12 H26
CL2 O2 S12 C8 H22
CL3 C3 H5
CL3 C4 H7
CL3 C4 H9
CL3 C5 H9
CL3 C6 H11
CL3 C7 H7
CL3 F3 C1
CL3 I C18 H12
CL3 O C2 H5
CL3 O C3 H7
CL3 O C4 H9
CL4 C3 H6
CL4 C4 H8
CL4 C6 H4
CL4 FE O6 C15 H21
CL5 SI C3 H7
CL6 SI C3 H6
CL12 O4 C8 H8
CO O3
CR N S2 C12 H14
CS F3
CS2 F6
CU P3 C72 H60
F2
F2 O S C2 H6
F3 C8 H15
F3 C20 H15
F3 I3 C1
F3 K
F4 C24 H16
F4 O4 C8 H16
F6 C1
F6 I2 C2
F6 N2 O2
F8 K2 C1
FE C28 H24
FE O2 C25 H20
FE O3
H K2 N S2
H5 P
H6 N2 S2
H6 P2
H8 N2 S3
I C4 H9
I C5 H11
I C6 H15
I C18 H15
I C21 H21
I C30 H21
I O3 C21 H21
I O3 C24 H27
I2 C2 H2
I2 C4 H8
I2 C5 H10
I2 C12 H10
I2 C14 H10
I2 C14 H14
I2 O2 C16 H18
I3 C6 H5
I3 C12 H10
MN O3
MN O5 G23 H15
N C1 H3
N O C1 H3
N O3 C3 H9
N O3 S C25 H19
N S C1 H3
N4 O8 C8 H12
N8 O4 SI2 C56 H36
N8 O4 SI2 C56 H38
N8 O4 SI2 C70 H50
NA O5 C25 H43
NA S C18 H15
O C4 H8
O C5 H10
O C8 H18
O C9 H18
O C9 H22
O C10 H24

Ge
CONTINUED

O C11 H22
O C12 H10
O C12 H20
O C12 H24
O C12 H26
O C13 H22
O C13 H26
O C13 H30
O C14 H14
O C15 H34
O C18 H38
O C19 H42
O C20 H14
O C20 H44
O S C25 H20
O2 C2 H6
O2 C5 H12
O2 C7 H8
O2 C9 H18
O2 C11 H16
O2 C11 H24
O2 C12 H26
O2 C13 H28
O2 C14 H12
O2 C14 H24
O2 C14 H30
O2 C15 H30
O2 C16 H28
O2 C16 H32
O2 C17 H34
O2 C17 H36
O2 C18 H36
O2 C19 H38
O2 C20 H40
O2 C21 H18
O2 C22 H20
O2 C22 H22
O2 C22 H38
O3 C14 H14
O3 C15 H22
O3 P C3 H9
O4 C12 H20
O4 C16 H20
O4 C18 H28
O4 C20 H20
O4 C24 H16
O4 C24 H40
O4 SI4 C12 H36
O6 C16 H12
O6 C18 H14
O8 C16 H16
O9 C24 H20
O10 C16 H20
S C10 H24
S C18 H16
S C19 H18
S C20 H20
S C22 H24
S C25 H22
S SN C36 H30
SE
SE SN C36 H30
SE2
SI C8 H22
SI C13 H24

GE2

C9 H24
C16 H36
C42 H42
AU LI C36 H30
AU LI O4 C52 H70
AU LI O8 C52 H70
AU N C44 H50
BR2 O3 C12 H8
CA2 O9 Y2
CL2 O3 C12 H8
CL2 TI C46 H38
CL6 C4 H8
CL7 C3 H5
CO2 N S4 C20 H21
CR N S4 C12 H13
FE C46 H38
H6 O
H7 P
H8 N2 S5
H22 N8 NI S4
I4 C28 H20
O C10 H22
O C12 H30
O2 C14 H34
O2 C16 H38
O2 C18 H34
O2 C28 H28
O3 C12 H10
O3 C14 H14
O6 C32 H36
S2 C36 H30

GE3

B O3 C18 H45
CO LI2 O8
CR H24 N9 S6
H9 P
LI2 O8 ZN
O3 C42 H42
O4 P C9 H27
O9 SR3
S2 C48 H40

GE4

CL8 O4 C48 H32
H8 N2 S9
O9 TL2
O12 C64 H72

GE6

C12 H36
CR2 H39 N15 S12

H

AL2 FE2 O10 P2
B3 CA O6
B12 BR11 CS2 O
BI CR O5
CA K3 O8 P2
CL2 CS
CL2 O2 P
CL3 TI
CR O6 TL
CU NA5 O14 P4
F2 N O S
F2 N O4 S2
FE O2
GE K2 N S2
IN O8 S2
N O2 S
N S S1
N2 O7 SM
NA O16 V6
NA3 O5 S
NA4 O10 P3
O2 F2 P
O4 TC
O6 PA S
O11 P3 U

H2

AG2 K N3 O4 S2
AL N O
AL N S
AS K N2
B F3 O4 P T
B K N2
B NA SI2 O7
CA8 O24 P6
CL LU O2
CL N
CL5 CS2 O TI
CL5 IR K2 O2
CL5 K2 O TI
CL5 O RB2 TI
CR O6
CU NA4 O14 P4
F2 O5 P2
F6 TI
FE3 MN O10 P2
I2 S
I6 TE
K N2 P
K N8 O6
K2 N2 O8 OS
K2 N4 O14 PT
K4 N2 S2 SN
MO S4
MO4 O13
N2 SI
NA N8 O6
O6 C24 H30
O6 S4
S4 W

H3

AL CR O9 P3
B3 F3 N3
BR IN N
CE CR O9 P3
CL CO2 O3
CL O3 TH
CL2 MG N
CL2 N ZN
CR FE O9 P3
CR O9 P3 TL
CR2 O9 P3
CU NA3 O14 P4
F4 N O
F5 O TI
FE2 O12 P3
GA O8 P2
I IN N
IN O12 S3
K2 N3 SI
K3 N3 P
K3 N10 O30 U
LI2 MG2 N3
N O4 S
N2 NA
NA3 O8 P2
O3 PR
O3 TB
O13 PA S3

H4

AL LI
AL2 NA2 O10 SI2
B3 F2 N3
B10 O10
BR8 MO6 O4
CL IR K4 N4 O12
CL2 O4 TH3
CL10 N2 SB2
CU4 O9 S
F4 O2 TI
F5 N U
F6 N U
F7 N U
I8 MO6 O4
IN N O8 S2
IN2 O20 S5
IR K3 N6 O13 S
K4 N4 SI
MN O40 W12
MO3 N NA O10
MO10 O32
MO12 O40 ZR
N2
N2 O S
N2 S SI

H4
CONTINUED

N2 ZN
O5 U

H5

AL O40 W12
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AS SI
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B3 F N3
CL FE4 O12
CL LU2 O5
CL SI2
CL11 N2 SB2
CU NA O14 P4
F6 N O2
F7 V
FE4 N O11
GE P
IR2 K5 N8 O28 S4
N5 NA2 SI2
O15 V5

H6

AG3 CO N4 O10 S2
AL4 NA4 O17 SI3
AL6 NA8 O28 SI6
B2 F8 N2
B10 I10 O2
BA3 CR2 O18 P6
BR IN N2
BR3 N2 SC
CA3 CR2 O18 P6
CD CL2 H6 N2
CD3 CR2 O18 P6
CL3 N2 SC
CL3 N5 O4 PT
CL12 N2 SB2
CO N2 NA O6 S2
CO N4 NA3 O10 S2
CO N8
CO3 CR2 O18 P6
CR O9 P3
CR2 CU3 O18 P6
CR2 FE3 O18 P6
CR2 HG3 O18 P6
CR2 HG6 O18 P6
CR2 MG3 O18 P6
CR2 MN3 O18 P6
CR2 NI3 O18 P6
CR2 O18 P6 PB3
CR2 O18 P6 SN3
CR2 O18 P6 ZN3
CR2 O18 SR3 P6
CR2 O24 P6 U3
CU O40 W12
F2 N2
F7 N O
FE I2 NA5 O14
FE4 O9
GE N2 S2
GE P2
GE2 O
H6 CD CL2 N2
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I6 O2 OS
N3 O P
N4 O6 ZN
O10 S TH2

H7

AS SI2
B2 NA
GE2 P
IR K2 N6 O11 S
N3 O3 PT
P SI2

H8

AL N3 S
AS K N4
B K N4
B2 MG
B12 CS2 F4
BR8 MO6 O6
CL2 CR O4
CL5 N3 O RU
CR I3 N2 O10
F4 N2
F6 N2 U
GE N2 S3
GE2 N2 S5
GE4 N2 S9
K N4 P
K2 TC
K4 N4 S2 SN
MO3 N2 NA2 O11
MO4 N2 NA2 O14
MO4 N2 O13
MO6 N2 O19
MO9 N2 O28
N2 O16 V6
N2 S3 SN
N8 O18 U

H9

AL N6
AS SI3
B3 N6
CL2 N3 PT
CL3 N3 SC
CL4 N3 O2 RU
CL4 N3 PT
CO N3 NA3 O9 S3
CR I3 N3 O9
CR N6 O6
CR N6 O9

H9

F4 SE2 C6
GE3 P
N O9 U2
N3 S2 SI

HJ2

CL3 CO N5

H10

B10 D4
CL5 N2 O TI
CR N O10 S
CR2 O80 W24
IR2 K5 N11 O22 S2
S SI4

H11

B12 CS2 N O2
CL2 CR I N3 O4
N O14 TH3

H12

B12 CS2
B12 NA2
BR2 CO N5 O2
BR3 N4 SC
BR6 N4 PT2
CL N5 O6
CL2 CO N5 O2
CL2 N5 O3 RH
CL2 N6 O6 PT
CL3 CR O6
CL3 CR O18
CL3 N4 RH
CL3 N4 SC
CL3 N5 O RU
CL6 N4 PD PT
CL6 N4 PD2
CO N5 O5 S
CO N7 O7
CO N7 O8
CO N10
CR I3 N4 O9
IN N3 O12 S3
K N7 O12
K3 N6 P
LI N4 O3
N3 O4 P
N4 O4 P RU
N8 O10 PT
N8 O11 PT

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B11 RB2
BR3 N3 O2 SC
CL N6 O7 PT
CL2 N5 O2 RU
CL3 N3 O2 SC
CO N4 O4 S
N O14 U3

H14

B11 CS
B11 LI
B11 NA
CL CO N4 O4 S
N2 O13 U3
N5 O6 P RU

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CL3 N4 O3 PT2
CL3 N5 RU
CL3 N5 SC
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B2 CA N4
BA4 FE2 O15
CA2 O32 V9
MO12 N4 O40 ZR
N4 O6 P RU
N4 S4 SN

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CR I2 N4 O11
N5 O5 P RU

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BR4 IN2 N6
CL3 CO N6
CL3 CO N6 O12
CL6 CO N6 TL
CO N12
I4 IN2 N6
N6 O4 P RU

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CL N9 O12
MO N8 O13
N6 O16 S4

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CR2 N O18 S2

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B18
GE2 N8 NI S4

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AL4 O28 P2 V2
BR4 IN2 N8
CR GE3 N9 S6
I4 IN2 N8
IR N13 O13 PT2 S

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B11 N4 ZN
IR N12 O14 PT2 S2

H26

CO2 N13 O14
CR2 N2 O22 S3

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CL4 CR2 F N9 O17
CL5 CR2 N9 O
CR2 F N9 O9 S2
O52 TE W12

H29

CL4 CR2 N9 O2
CR2 N9 O10 S2

H30

CL5 CR2 N9 O2
CL15 N15 O5 RU5

H31

CL5 CR2 N10 O
CR2 I5 N10 O16

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AL4 O32 P2 V2
AS8 O100 W24

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CR2 GE6 N15 S12

H48

IR2 N24 O22 PT3 S2

H60

CR4 N18 O24 S5

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CR4 N20 O22 S5

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AS4 CL4 C20 H32
CL O6 C45 H33
F2 O
N2 O4 C26 H18
N2 O9 C4 H8
N4 O4 C36 H24
N4 O19 P C24 H54
O3 NA2
O8 C60 H44
O9 C4 H2

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O7 C4 H6
O12 C10 H16

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C5 H11
C6 H11
C6 H13
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C7 H15
C8 H10
C8 H14
C8 H18
C10 H8
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C11 H16
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C16 H10
C17 H14
C24 H18
C40 H26
C40 H30
AG F6 N O3 S2 C2
AS CL2 C9 H15
AS2 BR2 C10 H16
AS2 CL2 C10 H16
AS2 I2 C10 H16
AS4 CL2 O8 C20 H32
B2 C72 H52
BA C8 H4
BA C32 H20
BR C7 H7
BR C9 H7
BR C10 H9
BR CL2 C7 H5
BR CL3 N C5 H5
BR F O2 C10 H10
BR F5 C6
BR I C6 H4
BR I O2 C10 H10
BR I2 N2 C10 H11
BR I2 P C19 H18
BR I2 P C20 H20
BR N O C14 H14
BR N3 O8 C8 H12
BR N4 S C19 H15
BR O C4 H9
BR O C10 H13
BR O2 C11 H13
BR O2 C14 H19
BR P C7 H18
BR2 C5 H10
BR2 C12 H8
BR2 CL C7 H5
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BR2 O2 C10 H10
BR2 O4 C28 H16
BR2 O4 C36 H20
BR2 P2 C36 H30
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BR3 N2 C4 H9
BR3 P C20 H20
CO I4 N4 NI2 S4 C8 H24
CL C3 H5
CL C3 H7
CL C5 H11
CL C9 H7
CL C10 H9
CL C12 H9
CL C14 H9
CL C20 H15
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CL F5 C6
CL I C6 H4
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CL N O C5 H4
CL N O C14 H14
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CL N2 O S C12 H11
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CL N2 O2 S C12 H9
CL N2 O2 S C13 H11
CL N2 O2 S C13 H13
CL N2 O3 S C13 H11
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CL N3 O2 C7 H4
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CL N3 O6 C9 H12
CL N3 O7 C4 H6
CL N3 O7 C5 H8
CL N4 C24 H21
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CL N4 S C19 H15
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CL N4 S2 C19 H15
CL N5 O2 C12 H14
CL O C3 H7
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CL O C10 H19
CL O2 C2 H3
CL O2 C5 H7
CL O2 C5 H11
CL O2 C6 H11
CL O5 C7 H13
CL O8 C13 H19
CL O8 C14 H21
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CL S2 C5 H5
CL S2 C6 H7
CL2 C40 H28
CL2 N C13 H21
CL2 N O C6 H11
CL2 N2 O S C12 H10
CL2 N2 O2 S C12 H8
CL2 N2 O2 S C13 H12
CL2 O18 C16 H36
CL2 P C9 H15
CL2 S C6 H12
CL2 S C7 H14
CL2 S C8 H16
CL2 S C9 H18
CL3 N C5 H6
CL3 N C13 H22

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CL3 N2 C6 H13
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CL4 N4 C16 H34
CL4 N4 C20 H26
CL4 N4 C22 H30
CL7 P C4 H8
CO N4 SE4 C4
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F N2 O2 S C18 H15
F N2 O2 S C19 H17
F N2 O3 S C11 H9
F2 N2 O2 S C17 H12
F2 N2 O2 S C18 H14
F2 N2 O2 S C19 H16
F3 N O3 S C1
F3 O C1 H1
F5 C7 H3
F5 C12 H5
F6 N2 O2 C4
F6 O2 S C3
F7 O C3 H1
F10 C12
F10 N2 C22 H8
F10 P2 C38 H24
FE2 C26 H22
FE2 C28 H26
FE2 O4 C14 H10
I C7 H7
I N O C5 H8
I O C4 H9
I O C5 H9
I O C5 H11
I O C6 H13
I O C7 H15
I O C8 H17
I O C9 H11
I O2 C4 H9
I O2 C5 H11
I O2 C10 H13
I2 C5 H10
I2 C12 H8
I2 N C5 H13
I2 N P C16 H20
I2 N2 P C10 H17
I2 N2 P C14 H25
I2 N2 P C18 H33
I2 N4 P2 C20 H34
I2 N4 P2 C24 H42
I2 N4 P2 C28 H50
I2 N4 P2 C32 H58
I2 N4 P2 C36 H66
I3 N P C17 H23
I3 N2 P C11 H20
I3 N2 P C13 H24
I3 N2 P C17 H32
I3 N2 P C19 H36
I3 P C19 H18
I3 P C20 H20
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I4 N4 C8 H18
I4 N4 P2 C30 H56
I4 P2 C38 H36
I4 P2 C40 H40
K2 N4 S4 C4
K2 O2
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N O C13 H11
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N O S E9 H17
N O2 C6 H7
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N O2 C13 H11
N O2 C15 H15
N O3 C16 H13
N O3 C17 H15
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N O4 S2 C21 H21
N O4 S2 C22 H23
N O7 C17 H19
N S C3 H3
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N2 O2 C12 H6
N2 O2 C24 H20
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N4 O C10 H14
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N4 S C20 H18
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N6 O2 C10 H20
N6 O2 S2 C8 H8
N6 O4 C32 H24
N6 O4 C34 H28
N6 O6 C24 H12
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N6 O13 C6 H8
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N6 O14 C10 H16
N6 O14 C12 H20
N8 O8 C20 H22
NA2 O2
O C10 H10
O C10 H12
O C11 H12
O C11 H14

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O S2 C6 H10
O SI C24 H20
O2 C5 H6
O2 C5 H8
O2 C6 H10
O2 C6 H12
O2 C8 H8
O2 C8 H10
O2 C8 H14
O2 C9 H10
O2 C10 H8
O2 C10 H10
O2 C14 H12
O2 SI2 C42 H36
O3 C5 H8
O3 C6 H8
O3 C8 H6
O3 C9 H10
O4 C4 H6
O4 C7 H12
O4 C8 H14
O4 C12 H14
O4 C16 H18
O4 C18 H30
O4 C22 H26
O4 C22 H38
O5 S C14 H6
O6 P2 S2 C36 H28
O7 C9 H16
O10 C15 H22
O10 C16 H24
O10 C17 H26
S2 C2 H6
S4 C8 H6
S4 C18 H14

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C6 H6
C8 H10
C36 H24
BR2 C5 H10
BR2 C6 H4
BR3 C16 H14
BR7 P3 C66 H72
CD N6 S6 C12 H6
CL2 C6 H4
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CL4 N S C4 H11
CL5 N2 C1 H5
CL5 N2 C5 H11
CL5 N2 O C4 H11
CL5 N3 C4 H10
CL5 P C4 H12
CL6 N6 C5 H16
CL6 P6 PD2 C76 H68
CO N6 S6 C12 H6
CO N6 S6 C13 H8
CU N6 S6 C14 H10
CO N6 S6 C16 H8
CO N6 S6 C20 H10
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I2 C6 H4
I2 O S C6 H10
I2 O S C8 H14
I2 O3 S C6 H10
I2 O3 S C8 H14
I4 N S C4 H11
I4 P2 C36 H30
N2 O2 C31 H30
N2 O4 C2 H2
N2 O4 C4 H6
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N6 O13 C8 H10
N6 O14 C8 H12
O C4 H10
O C6 H14
O C8 H18
O C17 H16
O C18 H18
O C18 H20
O2 C27 H20
O3 C3 H6
O3 C5 H10
O3 C7 H14
O3 C9 H18
O5 S C10 H16
O5 S C12 H20
O7 S C10 H16
O7 S C12 H20

HG3

BR2 S2
BR2 SE2
BR2 TE2
CL O5 C3 H9
CL2 S2
CL2 SE2
CL2 TE2
CL3 O3 C5 H9
CL10 C02
CR2 H6 O18 P6
F6 O P C3 H9
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I2 SE2
I2 TE2
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N O4 C3 H9
N4 O S C16 H20
N4 O8 C6 H6
O2 C3 H10
O3 C5 H12
O6 S
O6 SE

HG5

BR6 TE2
CL6 TE2

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CR2 O9 C6 H18
O5 C7 H18
O6 S C6 H18

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AL3 B4 O12
CR N9 O6 S6 C24 H15
F9 O6 C15 H12
F9 O6 S3 C24 H12
LI O2
O6 C30 H27
O6 C45 H33
SI2

HO4

AL2 O9
GA2 O9

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C2 H3
C2 H5
C6 H9
C6 H11
C7 H9
C8 H7
C8 H13
C8 H15
C9 H9
C9 H11
C10 H7
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C21 H15
C24 H23
C27 H27
AG P C18 H15
AG P3 C54 H45
AL C5 H12
AL C8 H18
AL O
AL S
AL3 O4
AL5 O7
AS C10 H18
AS C24 H16
AS2 O2 C12 H31
AS3 CL O4 PD C42 H33
AS4 B PD C78 H62
AT CL C12 H10
AT CL2 C6 H5
AT O2 C6 H5
B N2 P C9 H25
B O3 C7 H8
BR C14 H8
BR C28 H20
BR CL2 N O2 C13 H9
BR CL2 N2 O3 C14 H12
BR CL2 N2 O3 C18 H20
BR CL3 O4 C23 H29
BR F4 O2 C6 H6
BR HG C6 H4
BR HG O2 C10 H10
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BR N C11 H17
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BR N C15 H23
BR N O2 C7 H5
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BR N O3 S C10 H13
BR N O4 C9 H7
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BR O2 C10 H10
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BR O3 C21 H32
BR O3 S C13 H8
BR O4 C28 H36
BR P S C18 H15
BR P SE C18 H33
BR SN C30 H26
BR2 CL6 SB C12 H8
BR2 HG P C19 H18
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CA C2 H5
CA C3 H7
CA C4 H9
CA C5 H11
CA C6 H5
CA C7 H7
CA N2 O9 P C9 H10
CA S C4 H3
CD C6 H5
CL C4 H8
CL C7 H6
CL C14 H12
CL C28 H20
CL CU N2 O4 C14 H14
CL CU N2 O4 C15 H16
CL CU N4 O5 C15 H18
CL CU N4 O5 C16 H20
CL F2 C2
CL F4 O2 C6 H6
CL FE N C14 H19
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CL N C9 H17
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CL N C12 H27
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CL N C15 H31
CL N C16 H35
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CL N O2 C16 H13
CL N O2 C21 H25
CL N O2 C28 H21
CL N O3 C13 H9
CL N O3 S C14 H11
CL N O4 C11 H13
CL N O4 S2 C4 H1
CL N S C4 H5
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CL O2 S C20 H8
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CL O6 C20 H22
CL O6 C23 H20
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CL SN C30 H26
CL2 C8 H7
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CL2 CO N4 O4 C2 H14
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CL2 CR N4 O3 C4 H16
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CL2 F3 C2
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CL2 N C8 H10
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CO N6 O4 S C11 H20
CO N6 O4 S C19 H24
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CO N6 O7 C18 H26
CO N6 O8 C8 H22
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CO N7 O6 S2 C17 H23
CO O3 P C21 H15
CR C10 H10
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CU N2 C14 H12
CU N3 O C6 H6
CU N4 C28 H24
D N C9 H19
D4 N C9 H16
D8 S C7 H9
F N C11 H17
F O C27 H44
F O C27 H46
F O2 C29 H48
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F3 N3 C2
F3 N3 O4 S2 C9 H9
F3 P C14 H13
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F4 K O12 S4
F4 O2 C6 H7
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F6 MN2 O8 P C10
F6 O3 P C8 H10
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F7 C4
F7 C7 H6
F7 C7 H8
F7 C10 H8
F7 C10 H10
F7 C13 H16
F7 FE N2 O2 C15 H8
F7 FE N2 O2 C15 H10
F7 FE O3 P C24 H15
F7 NI P2 C29 H24
F7 O2 C7 H6
F7 O2 C8 H8
F7 O2 C16 H24
F7 O16 C43 H64
F8 C5 H3
F8 P C4
F9 C5 H2
F9 O2 C12 H14
F10 O3 P C10 H10
F11 C6
F11 O2 C18 H24
F13 O2 C19 H24
F14 O3 P C12 H10
F15 C8
F15 C9 H4
F15 C13 H12
F15 C15 H16
F15 C25 H36
F15 O2 C11 H6
F15 O2 C12 H8
F15 O2 C13 H10
F15 O2 C15 H14
F15 O2 C18 H20
F15 O2 C20 H24
F15 O2 C24 H32
F15 O2 SI C14 H16
F15 O4 C17 H16
F16 C8 H1
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F23 O2 C15 H6
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FE N6 C77 H139
FE N6 C86 H165
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GE C18 H15
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GE C30 H21
GE O3 C21 H21
GE O3 C24 H27
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H6 IN N2
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HG O C4 H9
HG O C5 H9
HG O C5 H11
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HG O C7 H15
HG O C8 H17
HG O C9 H11
HG O2 C4 H9
HG O2 C5 H11
HG O2 C10 H13
IN N8 C32 H16
K N3 S C8 H9
LI O P C24 H27
LI O4
LI3 N2 O12 P2 C9 H10
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MG O C2 H5
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O4 C15 H13
O4 C15 H19
O4 C16 H19
O4 C17 H11
O4 C17 H17
O4 C18 H11
O4 C18 H15
O4 C21 H23
O4 C22 H17
O4 C23 H27
O4 C23 H35
O4 C39 H73
O4 P C6 H12
O4 S C8 H17
O4 S C16 H17
O4 S2 C16 H29
O4 S2 C26 H33
O5 C7 H13
O5 C10 H11
O5 C10 H17
O5 C13 H15
O5 C16 H15
O5 C17 H13
O5 C17 H17
O5 C18 H15
O5 C21 H31
O5 C24 H19
O5 C25 H37
O5 C29 H21
O5 C36 H27
O5 TC C5
O6 C12 H11
O6 C16 H15
O6 C17 H17
O6 C18 H17
O6 C19 H19
O6 C24 H17
O6 C36 H25
O6 ZR C45 H33
O7 C12 H17
O7 C13 H15
O7 C17 H19
O8 C13 H19
O8 C24 H17
O8 C25 H23
O8 C30 H39
O9 C14 H19
O9 C19 H21

OS
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P C9 H14
P C10 H18
P C14 H16
P C14 H28
P C19 H16
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P C19 H36
P C20 H20
P C24 H26
P C30 H24
P S1 C9 H24
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S C5 H5
S C11 H15
S C22 H15
S C22 H17
S C23 H17
S2 C3 H3
SI C5 H9
SN C6 H15
SN C11 H15
SN C11 H25
ZN C2 H5
ZN C3 H3
ZN C3 H5
ZN C3 H7
ZN C4 H7
ZN C4 H9
ZN C7 H7
ZN C9 H7
ZN C9 H9
ZN C10 H9

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AL P C18 H38
AS CO C6 H15
AS PD S C6 H1:
AS PT S C6 H15
AS2 CD C10 H16
AS2 CD C12 H30
AS2 CD C36 H30
AS2 CO O2 C36 H30
AS2 CU2 S2 C12 H30
AS2 HG C10 H16
AS2 PD C26 H26
AS2 PT C26 H26
AS2 ZN C10 H16
AS2 ZN C12 H30
AS3 PD C42 H33
AS3 RE C42 H33
AS4 CO O4 C72 H60
AS4 MO C20 H32
AS4 PD C52 H48
AS4 PD C54 H42
AS4 RU C54 H42
B N P2 C14 H36
BE N2 C10 H8
BR HG N2 C10 H11
BR HG P C19 H18
BR HG P C20 H20
BR N2 ZN C19 H13
BR N4 O2 C14 H17
BR O2 C8 H5
BR O4 C20 H19
BR2 GE C12 H8
CA N2 C4 H14
CA3 N4 O24 P4 C18 H20
CD C2 H4
CD N2 C6 H8
CD N2 C10 H10
CD N2 C12 H14
CD N2 C14 H18
CD N2 C20 H18
CD N2 O2 C14 H18
CD N4 C4 H16
CO O2 P2 C38 H50
CL N O3 C10 H8
CL N O4 C11 H10
CL N2 O2 C11 H11
CL2 F6 P2 PT C26 H20
CL2 F12 P2 PT C16 H10
CL2 GE C12 H8
CL2 N O2 C13 H9
CL2 N O3 C10 H7
CL2 N O4 C11 H9
CL2 N2 C18 H40
CL2 TE C16 H12
CL3 N O3 C10 H6
CL3 N O4 C11 H8
CL3 O2 C5 H1
CL4 N2 O C13 H10
CL4 N2 O4 S C19 H14
CL6 N C5 H5
CO N C6 H15
CO N O P2 C12 H30
CO N2 C4 H14
CO N2 C5 H6
CO N2 C6 H8
CO N4 C8 H8
CO N4 C12 H16
CU N4 C14 H12
CO N4 O11 C24 H21
CU N6 O9 C16 H25
CO N6 O9 C36 H25
CO O P2 C13 H30
CO P2 C12 H30
CR H17 N4 O11
CU N2 C14 H12
CU N8 O2 C32 H24
CU2 N2 C6 H12
CU2 N2 C8 H16
CU2 N2 C12 H20
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F O2 C8 H7
F O3 P S C10 H12
F3 P C13 H10

F4 C5 H6
F6 GE C2
F6 P2 PT C36 H24
F8 P2 C4
F12 FE2 O6 P2 C10
FE H6 NA5 O14
FE N2 C14 H12
FE N6 C30 H30
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FE P4 C12 H32
GE C2 H2
GE C4 H8
GE C5 H10
GE C12 H10
GE C14 H10
GE C14 H14
GE O2 C16 H18
H2 S
HG C5 H10
HG C12 H8
HG N C5 H13
HG N P C16 H20
HG N2 P C10 H17
HG N2 P C14 H25
HG N2 P C18 H33
HG N4 P2 C20 H34
HG N4 P2 C24 H42
HG N4 P2 C28 H50
HG N4 P2 C32 H58
HG N4 P2 C36 H66
HG2 C5 H10
HG2 C6 H4
HG2 O S C6 H10
HG2 O S C8 H14
HG2 O3 S C6 H10
HG2 O3 S C8 H14
HG3 S2
HG3 SE2
HG3 TE2
MO O3 S2 C7 H10
MO2 O4 S4 C12 H18
N C3 H7
N C5 H3
N C9 H17
N C14 H9
N C16 H25
N C17 H13
N O C5 H3
N O C6 H5
N O2 C8 H7
N O2 C12 H7
N O2 C12 H9
N O2 C12 H13
N O2 C13 H15
N O2 C17 H11
N O2 C23 H17
N O2 S C43 H73
N O3 C9 H9
N O3 C11 H11
N O3 C15 H21
N O5 C18 H15
N O5 C19 H17
N O5 C24 H19
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N2 C13 H16
N2 C14 H10
N2 C14 H30
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N2 C16 H22
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N2 C16 H34
N2 C17 H32
N2 C18 H26
N2 C18 H32
N2 C19 H22
N2 C19 H36
N2 C20 H30
N2 C20 H38
N2 C21 H34
N2 C21 H38
N2 C26 H30
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N2 NI C10 H10
N2 NI C12 H14
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N2 O C9 H6
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N2 O C20 H36
N2 O C20 H42
N2 O C28 H54
N2 O S C23 H24
N2 O SE C23 H24
N2 O2 C6 H10
N2 O2 C9 H16
N2 O2 C10 H6
N2 O2 C10 H18
N2 O2 C12 H12
N2 O2 C14 H10
N2 O2 C15 H16
N2 O2 C17 H34
N2 O2 C19 H34
N2 O2 C36 H46
N2 O2 P2 C2
N2 O2 S C15 H34
N2 O3 C11 H26
N2 O3 C12 H28
N2 O3 C13 H30
N2 O3 C14 H30
N2 O3 C15 H14
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N2 O3 C16 H16
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N2 O3 W C13 H8
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N2 O4 C13 H14
N2 O4 C14 H16
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N2 O4 C20 H14
N2 O4 C27 H32
N2 O4 C28 H34
N2 O4 C30 H38
N2 O4 C40 H40
N2 O4 PT C8 H22
N2 O4 S C28 H30

N2 O4 S C36 H34
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N2 O5 C22 H24
N2 O5 C23 H26
N2 O5 C28 H30
N2 O5 C36 H34
N2 O5 C39 H44
N2 O6 C20 H18
N2 O6 C32 H50
N2 O6 C38 H46
N2 O6 C39 H46
N2 O6 C40 H48
N2 O6 C41 H48
N2 O6 C41 H52
N2 O6 C43 H54
N2 O6 C43 H56
N2 O6 S2 C17 H24
N2 O7 C41 H50
N2 O7 C43 H54
N2 O8 C20 H10
N2 O9 C47 H64
N2 O12 C50 H66
N2 PD C10 H10
N2 PD C12 H14
N2 PT C12 H14
N2 S C22 H22
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N2 SE C22 H22
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N2 SN C20 H26
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N3 O C11 H11
N3 O C12 H13
N3 O C15 H17
N3 O2 C7 H7
N3 O2 C9 H9
N3 O2 C14 H15
N3 O2 C18 H23
N3 O3 C21 H37
N3 O3 C22 H37
N3 O4 C21 H35
N3 S C17 H17
N4 C10 H6
N4 C10 H8
N4 C10 H24
N4 C12 H24
N4 C30 H28
N4 NI C12 H32
N4 NI3 S4 C8 H24
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N4 O4 U C24 H16
N4 O8 C59 H84
N4 O8 S2 C32 H24
N4 O10 C48 H64
N4 O10 S2 C36 H28
N4 S C13 H10
N4 S C16 H16
N4 S C24 H30
N4 S2 C26 H30
N5 C8 H7
N5 C14 H13
N5 C16 H17
N5 S2 C25 H29
N6 C21 H26
N6 NI C32 H24
N6 NI O2 C8 H18
N6 S C23 H26
N8 C14 H24
N8 C16 H26
N8 C17 H30
N8 C18 H24
N8 C18 H32
N8 C19 H34
N8 C20 H36
N8 C22 H40
N8 C23 H42
N8 C24 H44
N10 O9 PT2 C7 H34
N10 O9 PT2 C11 H38
N10 O12 PT2 S3 C4 H34
N10 O12 PT2 S3 C8 H38
NI P2 C28 H30
NI P2 C30 H30
NI P2 C38 H34
NI P2 C40 H38
NI P2 C42 H42
O C13 H8
O S C6 H10
O S C8 H14
O2 C5 H8
O2 C6 H10
O2 C7 H4
O2 P2 RE C38 H35
O2 P2 RE C39 H37
O2 SN C24 H18
O3 C8 H6
O3 C9 H6
O3 C10 H10
O3 C11 H12
O3 C12 H12
O3 C12 H14
O3 C13 H16
O3 C15 H8
O3 P2 RE C39 H37
O3 S C6 H10
O3 S C8 H14
O3 S2 W C7 H10
O3 TE C25 H24
O4 C6 H8
O4 C9 H6
O4 C9 H8
O4 C10 H8
O4 C13 H14
O4 C14 H10
O4 C14 H16
O4 C15 H18
O4 C16 H20
O4 C20 H20
O4 C30 H16
O4 P C6 H4
O4 S C18 H20
O5 C18 H20
O6 C20 H20
O6 C23 H24
O6 S
O7

O8 C23 H26
O8 C24 H24
O8 S4 C16 H24
O8 TC2 C8
O15 S3 C33 H38
OS
P SE C18 H15
P2 C12 H30
P2 C18 H26
P2 C24 H26
P2 C26 H24
P2 C27 H28
P2 C29 H32
P2 C30 H32
P2 PD C24 H22
P2 RE C36 H30
P2 ZN C12 H30
P4 PD2 C32 H42
P4 PD2 C48 H42
P6 PD2 C76 H68
PD S2 C8 H20
PT S2 C8 H20
RE
S2 C6 H12
SM
SN C30 H26
SN13 C156 H130
TE C16 H10
TE C18 H14

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C49 H35
AS CO N2 C26 H24
CE
CL2 N O2 C13 H8
CU N6 O9 C16 H24
CO N9 S3 C3 H15
CR H8 N2 O10
CR H9 N3 O9
CR H12 N4 O9
CU N4 C28 H24
CU3 N2 C4 H8
CU3 N2 C8 H16
D2 K N2 O2 C6 H12
F3 GE C1
FE4 H15 O24
GD
GE C6 H5
GE C12 H10
HG N P C17 H23
HG N2 P C11 H20
HG N2 P C13 H24
HG N2 P C17 H32
HG N2 P C19 H36
HG P C19 H18
HG P C20 H20
IN C3 H6
K N2 O2 C6 H14
K N2 O2 C8 H18
K N2 O2 C12 H26
K N2 O2 C24 H50
LA
MG3 O7 TI4 C26 H71
N O2 C9 H8
N O2 C10 H8
N O2 C13 H16
N O3 C11 H10
N O4 C15 H12
N PT S C12 H30
N2 C17 H17
N2 O C7 H5
N2 O3 C8 H5
N2 O3 C9 H7
N2 O3 C10 H9
N2 O3 C15 H13
N2 O4 C10 H7
N2 O4 C11 H9
N2 O4 C12 H11
N2 O4 C13 H13
N2 O4 C15 H17
N2 O4 C16 H19
N2 O4 C17 H21
N2 O5 S C18 H19
N2 O6 C28 H26
N2 PT C8 H23
N2 PT C10 H27
N2 PT C13 H25
N2 PT C13 H31
N2 PT C14 H27
N2 TL C10 H8
N3 O3 C30 H60
N4 RH C4 H16
N8 S2 C29 H37
ND
O P2 RE C20 H30
O3 C9 H5
O3 C10 H7
O3 C10 H9
O3 C11 H9
O4 C15 H11
O4 C38 H22
O4 C38 H24
OS
P S C18 H15
P3 C23 H54
P3 C37 H42
P3 C44 H48
S C23 H17
SN C6 H5
YB
ZR

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C8 H12
C10 H16
C24 H18
AL4 N4 C48 H36
AS C3 H9
AS C6 H15
AS C18 H15
AS C18 H33
AS2 CO C38 H36
AS2 NI C38 H36
B C7 H7
B C19 H15

B1 K
B1 N C16 H24
B1 N O2 C16 H14
B1 N O2 C18 H18
BR8 MO6
CD CO N4 C8 H12
CD HG N4 N12 S4 C8 H24
CD N4 C12 H10
CD N4 C14 H14
F2 O4 P C12 H5
GA N4 O2 C23 H25
GA N4 O2 C29 H29
GE2 C28 H20
H18 IN2 N6
H24 IN2 N8
HG K2
HG N4 C8 H18
HG N4 P2 C30 H56
HG P2 C38 H36
HG P2 C40 H40
HG2 N S C4 H11
HG2 P2 C36 H30
K TL
MG2 O2 C6 H10
MO2 N4 O6 C26 H16
N O3 C27 H11
N O4 C12 H9
N O4 C15 H11
N S8 C16 H24
N TL C6 H8
N2 O2 TL C7 H9
N2 O6 C20 H12
N2 O6 C20 H16
N2 O6 C24 H20
N3 V C12 H26
N4 C20 H48
N4 O2 C72 H62
N4 SN C4 H16
N6 SN C6 H24
N8 SN C8 H32
O2 C7 H2
O2 C7 H4
O3 C8
O4 C11 H8
O4 C24 H10
O4 C25 H12
O6 C22 H22
ZR

I5

CR2 H31 N10 O16
S TA C4 H10
S2 TA C8 H16

I6

B F3 N O3 C22 H17
B F3 O3 C18 H6
BR8 MO6 N2 C10 H12
BR8 MO6 N2 C16 H40
CR4 N12 O24 C12 H54
H2 TE
H6 O2 OS
N2 O6 C20 H14
N2 O6 C22 H14
N2 O6 C24 H18
N2 O6 C26 H22
N2 O6 C28 H26

I8

BR4 MO6
BR4 MO6 N2 C10 H10
BR6 MO6 N2 C10 H12
CL4 MO6
CL4 MO6 N2 C10 H10
CL6 MO6 N2 C10 H12
CL6 MO6 N2 C16 H40
H4 MO6 O4

I9

BA6 N

I10

B10 H6 O2

IN

C6 H15
C12 H27
BR H3 N
BR H6 N2
BR3 O2 C14 H8
BR3 O2 C18 H10
CL N8 C32 H16
CL3 O12
CL3 O20 C16 H32
CL5 TL2
CL6 TL3
H O8 S2
H3 I N
H3 O12 S3
H4 N O8 S2
H6 I N2
H12 N3 O12 S3
I N8 C32 H16
I3 C3 H6
K O8 S2
K2 O9 S2
N2 O8 C10 H17
N3 O6 C18 H18
N8 O C32 H17
NA O9 C6 H8
O6 C7 H4
O9 C6 H9

AS2 C28 H32
BR4 H18 N6
BR4 H24 N8
H4 O20 S5
H18 I4 N6
H24 I4 N8
O9 S2

IN4

N4 C12 H24

IN5

AG S8
CU S8

IR

CL O2 O P2 C37 H30
CL H4 K4 N4 O12
CL K4 N2 O10 S2
CL O P2 C37 H32
CL O4 P3 C54 H47
CL3 O P2 C37 H30
CL5 H2 K2 O2
CL6 NA2
H4 K3 N6 O13 S
H7 K2 N6 O11 S
H24 N13 O13 PT2 S
H25 N12 O14 PT2 S2
K4 N5 O13 S
N3 S3 C27 H18
O2 C7 H5
O3
P3 C54 H48
S82
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IR2

H5 K5 N8 O28 S4
H10 K5 N11 O22 S2
H48 N24 O22 PT3 S2

IR3

S TL3

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C12 H9
C12 H10
AG2 H2 N3 O4 S2
AL C2 H8
AL C3 H10
AL C4 H12
AL C6 H16
AL C8 H20
AL C9 H22
AL C12 H28
AL C16 H36
AL CL2 C4 H10
AL O4 SI4 C12 H36
AS C12 H10
AS H2 N2
AS H8 N4
B C36 H26
B O4
B H2 N2
B H8 N4
BA2 N5 O10
BI I4
BR F4 O14 S4
CO N3 O3 SE6 C12 H18
CD N3 SE3 C3
CL O4 PT C10 H14
CL S C7 H6
CL3 O6 PT C3
CL4 FE
CL4 N8 O
CO N2 O6 C2 H6
CO N2 O7 C7 H10
CO N2 O8 C8 H10
CO N4 O8 C6 H10
CO N6 O3 C36 H42
CR N2 O8 C14 H8
CR N2 O8 C16 H8
CU P2 C24 H20
D2 I3 N2 O2 C6 H12
F GA C6 H15
F3 GE
F3 O ZR
F4 I O12 S4
GA O4 SI4 C12 H36
H2 N2 P
H2 N8 O6
H8 N4 P
H12 N7 O12
I N3 S C8 H9
I3 N2 O2 C6 H14
I3 N2 O2 C8 H18
I3 N2 O2 C12 H26
I3 N2 O2 C24 H50
I4 TL
IN O8 S2
MN N2 O10 C10 H16
MN P3 C36 H30
MO O6 P
N2 C19 H13
N2 NI O4 C7 H7
N2 O6 C25 H29
N3 O S3 ZR C3
N3 O5 C7 H3
N3 O6 C11 H12
N4 C6

N4 C12 H4
N4 O3 C6 H7
N4 O14 U
N5 O6 C18 H12
N7 O10 C18 H10
O C13 H9
O3
O3 TA
O4 S C14 H9
O6 P W
O6 PT C15 H21
O7 V C4 H3

K2

B F3 N4 NI C4
B2 F6 O4 S
B4 F12 N4 NI C4
BA N4 O8
CD N4 C4
CD N4 O2 SE4 C10 H12
CD N4 SE4 C4
CD10 O44 S11
CL4 O2 U
CL4 O5 U2
CL4 O8 U3
CL5 H2 IR O2
CL5 H2 O TI
CL5 N8 O
CL6 MO
CL6 O4 U2
CL6 ZR
CL8 O6 U3
CL10 O8 U4
CO N4 O6 SE4 C16 H24
CO N4 SE4 C4
CR F6 NA
F N8 O3
F6 FE NA
F6 GA NA
F8 GE C1
FE N6 O C5
GE H N S2
H2 N2 O8 OS
H2 N4 O14 PT
H3 N3 SI
H7 IR N6 O11 S
H8 TC
HG I4
HG N4 S4 C4
HG O2
IN O9 S2
LI4 NA2 O16 S4
MN P4 C48 H40
N O4 C1 H1
N O4 C2 H3
N O4 C8 H15
N3 O9 S C6 H3
N4 NI C4
N4 O8 PT C12 H24
N4 O11 OS
N4 O12 PD
N4 O14 U
N4 ZN C4
N6 O12 PT
O C10 H10
O4 C4 H2
O4 U
O6 U2
O7 ZR3
O10 U3
O16 V6
O21 V8
PD C4 H2
PD C6 H6
PD C16 H10
PT C4 H2
PT C6 H6
PT C8 H4
PT C12 H12
PT C16 H10
PT C32 H20

K3

CA H O8 P2
CL9 MO2
CO N4 O6 S2 C2 H6
CO N5 O6 SE5 C17 H24
CO N5 SE5 C5
CO N6 C6
CO N8 C5
CR O3 C9 H3
CR O3 C12 H9
CR O3 C27 H15
FE N6 NA O2 C5
H3 N3 P
H3 N10 O30 U
H4 IR N6 O13 S
H12 N6 P
MO O3 C9 H3
MO O3 C12 H9
MO O3 C27 H15
N O7 S
N8 O8
O3 W C9 H3
O3 W C12 H9
O3 W C27 H15
O8 TA
O8 V

K4

B F3 MO N8 C8
B4 F12 FE N6 FE C6
B8 F24 MO N8 C8
BR11 MO2
CD N6 O12 SE6 C30 H48
CO N6 SE6 C6
CL H4 IR N4 O12
CL IR N2 O10 S2
CO N6 O2 SE6 C12 H12
CO N6 SE6 C6
FE3 N18 O8 U4 C18
H2 N2 S2 SN

K4
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H4 N4 S1
H8 N4 S2 SN
IR N5 O13 S
N3 O8 C6 H11
N4 NI O8 C14 H14
N6 NI SE6 C6
O11 V2
O13 TH C5

K5

H5 IR2 N8 O28 S4
H10 IR2 N11 O22 S2
N2 O10 C9 H15
N3 O10 C14 H26

K6

CD5 O32 S8
CO2 N10 C10
CR N6 C6
O15 U C5
O16 TH C6

K7

BR5 N2 O6
N3 O14 C20 H36
N6 NI O12 C21 H21
O18 U C7 H1

K8

FE5 N30 O12 U6 C30
MN O24 W6
N3 O16 C20 H35

K16

O38 U2 C14 H2

LA

AG3 N6 C6
AS O3
BR3
CL3
CR N9 O6 S6 C24 H15
I3
O3 C12 H27
O4 V
O6 G4 H5
O6 P3 C18 H42
O8 P2 C32 H47
O9 V3
O16 P4 C64 H97

LA2

BA S4
CA S4
CR S4
FE S4
MN S4
O2 TE
O5 TE
O6 TE
O7 SI2
PB S4
S4 SR

LA4

GA2 O9

LI

C4 H9
C5 H5
C7 H7
C9 H9
C13 H11
C13 H13
C19 H15
AL C3 H10
AL C4 H12
AL C8 H20
AL C12 H28
AL C16 H36
AL H4
AL O C7 H20
AL O2 C8 H20
AL5 S8
AU GE2 C36 H30
AU GE2 O4 C52 H70
AU GE2 O8 C52 H70
B C36 H26
B C38 H28
B11 H14
BE N4 C20 H16
BR S C6 H4
BR3 NA2
CL
CL N O2 S C14 H13
CL N2 O C2 H12
CL N3 C12 H9
CL NA2
CL O C2 H4
CL O C7 H6
CL O2 C7 H6
CL S C6 H4
CL S C7 H6
CL2 N3 C12 H8

LI
CONTINUED

D O C11 H14
DY O2
ER O2
F C14 H8
F3 O2 C2
F4 MN
F5 C6
F5 MN
GA O4 SI4 C12 H36
H12 N4 O3
HO O2
I O P C24 H27
I O4
LU O2
MN P3 C36 H66
MO O6 P
N C2 H6
N C4 H10
N C5 H10
N C5 H12
N C6 H14
N C8 H18
N C9 H17
N C12 H12
N2 C19 H13
N3 C12 H10
N3 C14 H14
N3 O P C25 H21
N3 O2 C14 H14
N3 SI3 C36 H32
N3 SI4 C8 H24
N4 C6
N4 C12 H4
N4 O2 C13 H11
N4 O3 C6 H7
N5 O4 C12 H8
N5 O6 C18 H12
N6 O7 P C20 H24
N12 O10 P C28 H38
NA O6 P2
NA2 O9 P3
O C7 H7
O C20 H13
O T
O2 C11 H15
O2 TI
O2 TM
O2 Y
O2 YB
O3 C5 H3
O3 C41 H45
O3 TA
O4 P C4 H10
O4 SI4 C12 H36
O6 P W
P C8 H10
S C8 H5
S C10 H9
T

LI2

C6 H4
C8 H6
C10 H6
C20 H14
CO2 O10 C10
F O6 G24 H29
GE3 CO O8
GE3 O8 ZN
H3 MG2 N3
MN N2 O8 C10 H12
N4 O5 P C6 H13
NA O9 P3
O2 C6 H4
O8 RB2 S2
O11 U4
P2 C14 H14

LI3

BR N2 O12 P2 C9 H10
CL N2 O12 P2 C9 H10
F N2 O12 P2 C9 H10
I N2 O12 P2 C9 H10

LI4

CL6 MN
F N2 O14 P3 C9 H10
F N2 O15 P3 C9 H10
K2 NA2 O16 S4
NI O12 S3

LI16

BI4 FE7 N42 C23

LU

AS O3
CL H2 O2
CR N9 O6 S6 C24 H15
LI O2
O6 C6 H9
SI2

LU2

CL H5 O5

M

MN N10 C8 H6

Mg

B C4 H13
B2 C4 H16
B2 H8
B3 C4 H19
B4
B6
BA O10 SI4
BA6 CA6 O39 C13
BR C18 H33
BR O C10 H13
BR O C11 H15
BR O C13 H19
BR O2 C8 H9
BR O2 C10 H13
BR O2 C11 H15
BR O2 S C4 H5
BR O2 S C5 H7
CL SI C3 H9
CL2 H3 N
CL2 O24 C20 H52
CR2 O4
I C10 H16
I O C2 H5
N2 C7 H8
N2 O2 C6 H14
N2 O2 C8 H18
N2 O4 C2 H2
N2 O4 C9 H10
N2 O8 C10 H14
N3 O3 C21 H13
N4 C28 H28
N4 C32 H36
N4 C32 H38
N4 O2 C10 H18
N4 O3 C34 H32
N4 O3 C34 H34
N4 O4 C36 H40
N4 O6 C37 H38
N4 O6 C37 H40
N4 O8 C36 H36
N6 C38 H38
N6 O4 C46 H50
N6 O6 C24 H12
N6 O18 U
N8 C12
N8 C32 H16
N9 O C37 H23
N10 O9 S C5 H20
O C2 H6
O2 C26 H18
O4 C4 H2
O4 C28 H46
O4 C36 H66
O6 U2
O18 C18 H22
PD

MG2

B8 O14
BA CL9 NA3
BR2 O2 C6 H10
BR4 O2 C6 H10
BR4 O3 C12 H24
H3 LI2 N3
I4 O2 C6 H10
N6 O11 S2 C3 H12
PD3

MG3

CR2 H6 O18 P6
I3 O7 TI4 C26 H71
PD

MG4

PD

MG6

F2 NA2 O22 SI8
PD

MG17

BA2
SR2

MN

AL CL4 O6 C6
AS CL O4 C22 H15
AS O4 SN C40 H30
AS2 BR O3 C13 H16
AS2 CL O3 C39 H30
AS2 CL4 C38 H36
AS2 N4 O12 C38 H36
B2 F8
B2 F8 N4 C8 H12
BR N3 O3 C24 H27
BR O3 P2 C29 H22
BR O3 S2 C7 H9
BR O3 S2 C17 H14
BR O3 S3 C11 H18
BR O3 TE2 C27 H20
BR O4 SB C22 H15
BR O5 C5
BR O5 SN C17 H10
BR2 N3 C15 H11
BR2 N6 C30 H22
BR2 O2 C14 H8
BR2 O2 C18 H10
BR2 O5 SN C11 H5
BR3 O5 SN C5
CL F3 O5 C7 H1
CL HG O3 C9 H6
CL N8 O C33 H20
CL N9 C37 H21

MN
CONTINUED

CL N10 C42 H26
CL O3 P2 C39 H30
CL O3 SB2 C39 H30
CL O3 TE2 C27 H20
CL O4 P C22 H15
CL O5 C5
CL O5 SN C17 H10
CL O5 TE2 C27 H16
CL2 F2 O5 C7 H1
CL2 HG2 O3 C8 H3
CL2 HG2 O3 C9 H5
CL2 N O C6 H11
CL2 O5 SN C11 H5
CL2 O14 S6 C12 H36
CL2 O14 S6 C24 H48
CL3 N6 O18 C30 H24
CL3 O4 P SN C22 H15
CL3 O5 SN C5
CL6 LI4
CO O9 C9
CR2 O4
CU5
F4
F4 LI
F4 O5 C7 H1
F4 O6 C8 H1
F5 LI
F6 FE O7 P C12 H6
F6 O5 C9 H1
FE3 H2 O10 P2
GE O3
GE O5 C23 H15
H4 O40 W12
HG3 O5 C3 H9
I O3 C8 H4
I O3 P2 C29 H22
I O3 S2 C17 H14
I O3 TE2 C27 H20
I O5 C5
K N2 O10 C10 H16
K P3 C36 H30
K2 P4 C48 H40
K8 O24 W6
LA2 S4
LI P3 C36 H66
LI2 N2 O8 C10 H12
M N10 C8 H6
N N12 C8 H8
N O3 C7 H4
N2 NA2 O8 C10 H12
N2 O2 C12 H6
N2 O4 C2 H2
N2 O4 C4 H6
N2 O8 C10 H14
N2 O8 RB2 C10 H12
N3 C26 H20
N3 O3 C21 H13
N3 O3 TE C12 H10
N4 C9 H24
N4 O4 C36 H26
N4 O4 C36 H63
N4 O7 C16 H11
N4 O7 C25 H21
N4 S4 C36 H26
N6 O2 C22 H16
N6 O2 C26 H16
N6 O6 C24 H12
N8 C24 H8
N8 C32 H16
N8 NA O2 C32 H18
N8 O2 C33 H21
N8 O2 C34 H23
N8 O4 C36 H23
N9 NA O C35 H22
N9 O C37 H21
N9 O2 C38 H21
N10 NA C34 H16
N10 W C8 H6
N12 W C8 H8
O P2 C42 H35
O2 C13 H13
O2 C36 H27
O2 P C25 H20
O3 C5 H1
O3 C12 H13
O3 C15 H11
O4 C8 H4
O4 C10 H7
O4 C14 H15
O4 C19 H17
O4 P SN C40 H30
O4 SN C50 H35
O5 PB C8 H9
O5 PB C11 H15
O5 PB C23 H15
O5 SN C23 H15
O6 C30 H27
O18 C18 H22
P2 C24 H20

MN2

CL2 O10 SN C10
F6 I O8 P C10
MO N10 C8 H6
N2 O8 C10 H12
N4 O4 C36 H20
N10 W C8 H6
N12 O36 S6 C60 H48
N12 W C8 H8
N14 O28 C14 H14
N14 O28 C28 H42
O4 C20 H18
O8 P C20 H11
O8 P2 C32 H20
O8 S2 C10 H6
O8 S2 C12 H10
O8 S2 C16 H18
O8 TE2 C20 H10
O10 PB C12 H6
O10 PB C14 H10
O10 SN C12 H6
O10 SN C22 H10

MN3

B7 CL O13

Mn3
CONTINUED

CR2 H6 O18 P6
NI2 SI
SE4

MN7

AL10 CE2

MO

C20 H20
AG O6 P
AS CL3 O5 C5
AS N3 O5 C20 H30
AS O5 C11 H15
AS O5 C23 H15
AS O8 C8 H9
AS2 CL6 O4 C4
AS2 N6 O4 C34 H60
AS2 O4 C16 H30
AS2 O4 C30 H24
AS2 O4 C40 H30
AS2 O10 C10 H18
AS3 O3 C21 H45
AS3 O12 C12 H27
AS4 BR2 C20 H32
AS4 CL2 C20 H32
AS4 CL4 O4 C72 H60
AS4 I2 C20 H32
AS4 O2 C54 H48
B F3 K4 N8 C8
B4
B8 F24 K4 N8 C8
BR2 N2 O3 C13 H8
BR2 N2 O4 C16 H12
BR2 O3 S2 C7 H10
BR2 O4 C14 H8
BR2 O5 P C6 H3
BR3 N8 O4 C4 H16
BR3 N12 O6 C6 H24
BR4 O4 P2 C6 H6
BR6 CS2
BR6 O3 P3 C6 H9
BR6 RB2
CD N10 C8 H6
CD N12 C8 H8
CO2 N8 O2 C8 H4
CO2 N10 C8 H6
CO2 N12 C8 H8
CL N2 O3 C18 H12
CL2 N2 O2 C12 H9
CL2 O4 C14 H8
CL2 O4 C18 H10
CL2 O6 P C7 H5
CL2 O9 C21 H15
CL3 N6 O3 C3 H12
CL3 N6 O12 C18 H24
CL3 N6 S3 C3 H12
CL3 N6 S3 C21 H24
CL3 N6 S3 C39 H36
CL3 O
CL3 O5 P C5
CL4
CL4 CS O
CL4 O RB
CL4 O6 P2 C8 H10
CL6 CS2
CL6 K2
CL6 NA2
CL6 O4 P2 C4
CL6 O6 P3 C9 H15
CL6 RB2
CL6 TI2
CL8 O6 P4 C10 H20
CL9 O3 P3 C3
CL12 O2 P4 C2
D6 O3 C9
F3 O5 C10 H5
F4 O3 C10 H6
F5 N O2
F6 N O
F6 O4 P C9 H5
F9 O6 C15 H12
F9 O6 S3 C24 H12
H2 S4
H20 N8 O13
I2 O3 S2 C7 H10
K O6 P
K3 O3 C9 H3
K3 O3 C12 H9
K3 O3 C27 H15
LI O6 P
MN2 N10 C8 H6
N NA O7 C2 H4
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N2 O3 S C25 H18
N2 O4 C14 H8
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N2 O4 C18 H18
N2 O6 C26 H24
N3 O3 C18 H13
N4 O2 C16 H16
N4 O4 C14 H12
N4 O4 C16 H16
N6 O3 C18 H18
N8 O6 C80 H78
N18 O18 C72 H36
NA O6 P
O2 P4 C54 H48
O3
O3 C9 H6
O3 P3 C12 H27
O3 P3 C21 H45
O3 P3 C57 H45
O3 S3 C11 H18
O4 P2 C10 H18
O4 P2 C16 H30
O4 P2 C30 H24
O4 P2 C40 H30
O4 S2 C8 H10
O4 S2 C12 H20
O5 P C8 H9
O5 P C11 H15
O5 P C23 H15
O5 S C9 H10
O6 C10 H14
O6 C15 H21

MO
CONTINUED

O6 C18 H24
O6 C30 H27
O6 C45 H33
O6 P R8
O8 P C8 H9
O8 P C11 H15
O8 P C23 H15
U8 P2
O10 P2 C10 H18
O10 P2 C16 H30
O10 P2 C40 H30
O12 P3 C12 H27
O12 P3 C21 H45
O12 P3 C57 H45
O14 P4 C14 H36
P6 C18 H48

MO2

AS6 O6 C84 H72
BR9 RB3
BR11 K4
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CL6 N6 S3 C6 H18
CL6 N6 S3 C21 H24
CL9 K3
FE N6 O4 C6
I2 O4 S4 C12 H18
I4 N4 O6 C26 H16
O4 S2 C16 H16
O6 P6 C84 H72
O8 TH
O10 C22 H32
O10 C24 H36
O10 C31 H41
O10 C34 H40
O10 T2 C22 H30
O11 P2

MO3

H4 N NA O10
H8 N2 NA2 O11

MO4

F20
H2 O13
H8 N2 NA2 O14
H8 N2 O13

MO6

BR4 I8
BR4 I8 N2 C10 H10
BR6 I8 N2 C10 H12
BR8 CL4
BR8 CL6 N2 C10 H12
BR8 H4 O4
BR8 H8 O6
BR8 I4
BR8 I6 N2 C10 H12
BR8 I6 N2 C16 H40
BR14 N2 C16 H40
CL4 I8
CL4 I8 N2 C10 H10
CL6 I8 N2 C10 H12
CL6 I8 N2 C16 H40
H4 I8 O4
H8 N2 O19

MO7

NA2 O22

MO9

H8 N2 O28

MO10

H4 O32

MO12

BR8 N4 O44 TI C36 H24
BR8 N4 O44 ZR C36 H24
CS4 O40 ZR
H4 O40 ZR
H16 N4 O40 ZR
N4 O40 TI C8 H32
N4 O40 TI C20 H24
N4 O40 TI C36 H32
N4 O40 ZR C20 H24
N4 O40 ZR C36 H32
N4 O44 TI C36 H32
N4 O44 ZR C36 H32
N9 O43 TI C39 H55
N12 O40 TI C4 H24
N12 O40 ZR C4 H24
N16 O40 TI C24 H52
N16 O40 ZR C24 H52

N

C1 H5
C2 H7
C3 H3
C3 H5
C3 H7
C3 H9
C4 H7
C4 H9

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C4 H11
C5 H5
C5 H9
C5 H11
C5 H13
C6 H7
C6 H9
C6 H11
C6 H13
C6 H15
C7 H7
C7 H9
C7 H11
C7 H13
C7 H15
C7 H17
C8 H7
C8 H9
C8 H11
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C19 H15
C19 H17
C19 H19

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C19 H21
C19 H23
C19 H25
C19 H27
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C28 H43
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C29 H51
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C30 H29
C30 H37
C30 H49
C31 H21
C31 H55
C34 H45
C34 H49
C34 H51
C36 H43
C40 H51
AG C1
AG AS4 O3 C20 H32
AG B F4 C18 H15
AG CL O4 C18 H15
AG F6 MG O3 S2 C2
AG O C9 H6
AG O C10 H8
AG O2 C5 H4
AG O2 S C23 H22
AG O3 S C11 H12
AG O4 C9 H14
AG O6 P C17 H15
AG O15 P4 C20 H36
AG P S2 C11 H15
AL C2 H6
AL C4 H10
AL C5 H12
AL C6 H16
AL C7 H8
AL C9 H20
AL C12 H24
AL C13 H14
AL C13 H28
AL C14 H16
AL C19 H20
AL C20 H22
AL C22 H26
AL CL C5 H11
AL CL2 C9 H18
AL CL3 C3 H11
AL H2 O
AL H2 S
AL O C1 H4
AL O C4 H10
AL O3 C9 H8
AL O3 C9 H23

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AL O3 C15 H20
AL O6 SI2 C15 H22
AL S C1 H4
AS C12 H10
AS C23 H24
AS C24 H26
AS CL C22 H21
AS CL O5 S C10 H15
AS CL2 C7 H8
AS F6 O
AS O C7 H8
AS O2 C16 H32
AS O3 C7 H10
AS O5 S C10 H14
AS O7 C8 H8
AS O7 C14 H14
AS O7 C18 H22
AS4 CL O4 PD S C55 H42
AU C6 H12
AU C8 H8
AU C11 H14
AU C13 H10
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AU C13 H18
AU C16 H12
AU C16 H24
AU C17 H14
AU C17 H26
AU CL4 C9 H12
AU CL4 O2 C7 H16
AU CL4 O4 C9 H22
AU CL4 O4 C13 H26
AU GE2 C44 H50
B C3 H12
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B C38 H34
B C39 H36
B C39 H52
B C42 H40
B C48 H38
B C49 H42
B BR C2 H7
B BR C6 H17
B BR O2 C12 H17
B BR2 S7
B BR3 O3 C22 H23
B BR3 O3 C23 H17
B CL C3 H9
B CL C4 H11
B CL C8 H11
B CL C11 H15
B CL C19 H19
B CL C21 H17
B CL C29 H21
B CL O C6 H15
B CL P C8 H20
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B CL SI C20 H21
B CL2 C2 H6
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B CL2 C7 H8
B CL2 C8 H10
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B CL2 C11 H16
B CL2 C13 H14
B CL2 S7
B CL3 C4 H11
B CL3 C6 H15
B CL3 C8 H11
B CL3 O C3 H9
B CL3 O3 C22 H23
B CL3 O3 C23 H17
B CL4 O C6 H6
B CL6 O3 C23 H14
B F C11 H15
B F3 C2 H7
B F3 C6 H13
B F3 C6 H15
B F3 C9 H21
B F3 C13 H9
B F3 I6 O3 C22 H17
B F3 O C6 H11
B F3 O2 C9 H13
B F3 O3 C22 H23
B F3 O3 C23 H17
B F3 P C18 H16
B F4 C6 H16
B F4 C7 H8
B F4 C9 H8
B F4 C17 H22
B F4 C19 H26
B F4 C21 H28
B F4 C24 H18

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B F4 O
B F4 O S C16 H16
B F4 O2 P C24 H25
B F4 O2 P C25 H27
B F4 P C18 H17
B F4 P C28 H27
B F4 P C29 H29
B I2 P2 C14 H36
B O C7 H16
B O C12 H18
B O C15 H18
B O C16 H20
B O C18 H16
B O C20 H20
B O C21 H20
B O C21 H22
B O C22 H18
B O C22 H22
B O C22 H24
B O C23 H26
B O C24 H26
B O C27 H24
B O C27 H28
B O C40 H36
B O C46 H42
B O S C11 H14
B O2 C5 H12
B O2 C7 H16
B O2 C8 H12
B O2 C10 H22
B O2 C11 H24
B O2 C12 H16
B O2 C12 H18
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B O2 C17 H20
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B O2 C24 H26
B O2 C30 H32
B O2 C36 H36
B O2 C43 H42
B O2 S C4 H6
B O2 S C19 H14
B O2 S C20 H16
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N

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N

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N

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F O7 C24 H30
F O8 C26 H34
F O11 C28 H40
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F O11 C29 H44
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F O12 C31 H44
F O12 C32 H46
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F2 C11 H11
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F2 O2 C13 H17

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F3 CL O C11 H7
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AG U6 PT C6 H11
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AL H8 S
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AL S C3 H14
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B C12 H30
B C13 H12
B C13 H32
B C14 H34
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B C24 H54
B C26 H30
B C42 H42
B CL O4 C12 H9

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BR6 P3

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AG O5 S C17 H9
AG O6 S C30 H21
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AG2 O8 PT C20 H40
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AL B2 O5 C8 H24
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AL4 O4 C52 H48
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B S3 C8 H5

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BR4 ZN C30 H34

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N6

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N6

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CL O2 C15 H13
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CL O7 PT C4 H17
CL O8 P C18 H24
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N6

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N6 CONTINUED

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N6

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CR O10 S C42 H33
CR O10 S C45 H33
CR O12 C50 H37
CR O12 S C42 H31
CR O12 S C43 H33
CR O12 S C46 H33
CR O12 S4 C36 H32
CR O14 S2 C36 H28
CS4 S8 TH C8
CU C8 H6
CU C12
CU C26 H6
CU C40 H24
CU I2 O2 C32 H24
CU O2 C6 H16
CU O3 C44 H18
CU O4 G12 H6
CU O4 C24 H18
CU O4 S C4 H8
CU O5 S4 C12 H25
CU O6 C10 H22
CU O6 C12 H14
CU O6 S C6 H16
CU O10 S4 C22 H35
CU S4 C44 H34
CU2 C24 H8
CU2 O4 S C56 H48
CU2 O8 C12 H12
CU2 O8 S C10 H18
CU2 S4 C18 H14
F2 NI C34 H36
F3 O13 S C43 H61
F14 O G13 H8
FE C12
FE C22 H18
FE C24 H8
FE C34 H18
FE C34 H42
FE C36 H22
FE O2 S2 C10 H18
FE O2 S2 C12 H22
FE O8 S C41 H34
FE2 O9 S2 C40 H32
FE2 O9 S2 C48 H32
GA O C32 H17
GE O4 S12 C56 H36
GE O4 S12 C56 H38
GE O4 S12 C70 H50
GE2 H22 NI S4
H5 IR2 K5 O28 S4
H8 O18 U
H12 O10 PT
H12 O11 PT
H20 MO O13
H24 I4 IN2
HG O8 C20 H22
I C25 H23
I C29 H31
I C51 H43
I IN C32 H16
I O9 PT C2 H17
I O9 PT C4 H19
I S2 C21 H19
I2 C14 H24
I2 C16 H26
I2 C17 H30
I2 C18 H24
I2 C18 H32
I2 C19 H34
I2 C20 H36
I2 C22 H40
I2 C23 H42
I2 C24 H44
I3 S2 C29 H37
I4 SN C8 H32
IN O C32 H17
MG C12
MG C32 H16
MN C24 H8
MN C32 H16
MN NA O2 C32 H18
MN O2 C33 H21
MN O2 C34 H23
MN O4 C36 H23
MO O6 C80 H78
NI C4 H6
NI C14 H10
NI C22 H18
NI C24 H8
NI C30 H34
NI C36 H42
NI C40 H24
NI C42 H42
NI C46 H50
NI C50 H34
NI C50 H38
NI C62 H50
NI O2 C16 H14
NI O2 C26 H30
NI O4 O10 H12
NI O6 C12 H14
NI S2 C32 H26
NI S4 C4 H14
O C16 H16
O C28 H32
O C30 H22
O C47 H25
O S2 C9 H8
O SI C32 H16
O2 C6 H4
O2 C8 H16
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N8
CONTINUED

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O2 C11 H12
O2 C16 H26
O2 C19 H20
O2 C19 H22
O2 C21 H28
O2 C27 H26
O2 S C11 H8
O2 S C12 H14
O2 S C13 H16
O2 S C14 H18
O2 S C16 H14
O2 S4 C30 H26
O2 SI C32 H18
O2 SI3 C68 H46
O2 ZN C26 H30
O3 C8
O3 C11 H8
O3 C11 H16
O3 C12 H18
O3 C13 H20
O3 C15 H16
O3 C16 H18
O3 C29 H38
O3 S SE2 C28 H26
O4 C8 H20
O4 C8 H24
O4 C14 H16
O4 C20 H12
O4 C20 H26
O4 C31 H34
O4 C48 H58
O4 OS S C32 H18
O4 S2 C38 H36
O4 S2 C42 H44
O4 S3 C20 H22
O4 SI3 C70 H50
O4 ZN C10 H12
O5 C15 H12
O5 C16 H16
O5 C19 H24
O5 C24 H48
O5 C28 H26
O5 S2 C16 H10
O5 S2 C20 H12
O6 C9 H20
O6 C12 H26
O6 C14 H12
O6 C14 H14
O6 C16 H16
O6 C18 H20
O6 C19 H22
O6 C26 H34
O6 C35 H48
O6 S2 C17 H12
O6 S2 C20 H30
O6 W C80 H78
O7 C23 H28
O7 C24 H36
O7 C25 H24
O7 C30 H34
O7 C35 H50
O7 S C27 H42
O7 S C30 H46
O7 S C30 H50
O7 S C39 H50
O8 C16 H14
O8 C17 H14
O8 C17 H16
O8 C19 H18
O8 C19 H20
O8 C20 H20
O8 C21 H24
O8 C22 H22
O8 C22 H24
O8 C22 H26
O8 C23 H32
O8 C24 H20
O8 C24 H30
O8 C26 H26
O8 C26 H28
O8 C27 H20
O8 C27 H30
O8 C28 H20
O8 C28 H34
O8 C29 H36
O8 C30 H36
O8 C30 H38
O8 C31 H42
O8 C32 H40
O8 C32 H42
O8 C36 H46
O8 C39 H52
O8 C39 H54
O8 C40 H34
O8 C40 H54
O8 C43 H32
O8 C48 H62
O8 C48 H66
O8 PD2 C12 H16
O8 PT S C8 H26
O8 PT2 C12 H16
O8 S2 C42 H44
O8 S2 C46 H52
O9 C7 H6
O9 C16 H12
O9 C17 H14
O9 C17 H16
O9 C18 H14
O9 C18 H16
O9 C18 H18
O9 C20 H34
O9 C21 H38
O9 C22 H26
O9 C23 H28
O9 C25 H44
O9 C26 H42
O9 C27 H30
O9 C28 H22
O9 C31 H30
O9 C41 H44
O9 S C30 H54
O9 S C34 H44
O9 S C35 H48
O9 S C38 H52
O9 S C38 H56
O9 S C47 H56
O9 S2 C48 H62
O9 S3 C22 H16
O10 C11 H12
O10 C17 H16
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N8

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O10 C18 H18
O10 C20 H20
O10 C20 H22
O10 C22 H22
O10 C22 H24
O10 C22 H26
O10 C23 H18
O10 C25 H28
O10 C25 H32
O10 C26 H34
O10 C27 H36
O10 C30 H54
O10 C31 H34
O10 C31 H38
O10 C34 H38
O10 C38 H42
O10 C39 H48
O10 C42 H50
O10 C47 H60
O10 C55 H66
O10 C56 H68
O10 S C35 H48
O10 S2 C24 H24
O10 S2 C28 H32
O10 S2 C34 H28
O10 S2 C36 H32
O10 S3 C46 H62
O11 C17 H16
O11 C18 H18
O11 C28 H48
O11 C32 H56
O11 C34 H44
O11 C36 H38
O11 S C35 H48
O11 S C40 H64
O11 S2 C53 H70
O11 S3 C23 H16
O12 C19 H14
O12 C21 H20
O12 C22 H22
O12 C30 H52
O12 C31 H42
O12 C56 H74
O12 S C36 H50
O12 S3 C54 H68
O12 S4 C22 H16
O12 S5 C36 H38
O13 C9 H16
O13 S C18 H18
O13 S C37 H50
O13 S C41 H60
O13 S2 C24 H22
O14 C11 H18
O14 C24 H24
O14 C32 H34
O14 C39 H28
O14 C39 H56
O14 S C44 H56
O14 S4 C23 H16
O14 U C20 H18
O15 S C22 H22
O15 S C31 H52
O15 S C49 H68
O16 C8 H10
O18 S C40 H34
O18 S C48 H38
O18 U C10 H10
O18 U C10 H12
O18 U C18 H16
O18 U C20 H10
O36 S2 C96 H104
P C43 H26
P C44 H28
P C48 H28
PB C12
PB C24 H8
PD C32 H18
PD O6 C12 H14
PT C32 H18
PT2 C4 H12
S C33 H26
S C42 H23
S2 C8 H6
S2 C9 H8
S2 C12 H10
S2 C15 H12
S2 C16 H14
S4 C12 H14
S4 C22 H14
S6 ZR C16 H12
SB C48 H28
SE C42 H23
SI C16 H44
SI4 C16 H48
ZN C24 H22
ZN C36 H42
ZN C40 H24
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N9

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C15 H21
C21 H21
C27 H18
C29 H14
C29 H22
C30 H24
C32 H28
C33 H16
C33 H33
C34 H18
C35 H20
C36 H22
C41 H24
B6 O6 C48 H57
B6 O6 C54 H69
BR H20 O12
BR2 CO S3 C3 H15
BR2 FE O8 C40 H31
BR3 CO S3 C3 H15
CO6 S C24 H21
CE CR O6 S6 C24 H15
CL H20 O12
CL MN C37 H21
CL O11 C31 H24
CL O12 C15 H16
CL2 CO S3 C3 H15
CL3 CO O12 S3 C3 H15
CL3 CO S3 C3 H15
CL4 CR2 F H28 O17
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N9
CONTINUED

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CL4 CR2 H29 O2
CL5 CR2 H28 O
CL5 CR2 H30 O2
CL8 SB C75 H90
CO FE4 O21 C6 H30
CO I3 S3 C3 H15
CO O3 S C5 H16
CO O5 C4 H16
CO O7 S2 C14 H26
CO O7 S2 C30 H34
CU O9 C36 H18
CO O11 S2 C20 H30
CO S2 C6 H16
CR ER O6 S6 C24 H15
CR GD O6 S6 C24 H15
CR GE3 H24 S6
CR HO O6 S6 C24 H15
CR LA O6 S6 C24 H15
CR LU O6 S6 C24 H15
CR ND O6 S6 C24 H15
CR O6 PR S6 C24 H15
CR O6 S6 SM C24 H15
CR O6 S6 TB C24 H15
CR O6 S6 Y C24 H15
CR2 F H28 O9 S2
CR2 H29 O10 S2
FE O9 C36 H18
FE S5 C45 H34
MG O C37 H23
MN NA O C35 H22
MN O C37 H21
MN O2 C38 H21
MO12 O43 TI C39 H55
O C6 H5
O C10 H19
O C37 H22
O2 C11 H9
O2 C17 H13
O2 C35 H49
O2 C143 H105
O3 C27 H27
O3 C34 H31
O4 S2 C14 H13
O4 S2 C19 H15
O6 C18 H21
O6 C36 H31
O6 C41 H41
O6 P3 C24 H48
O6 S3 C21 H21
O7 C29 H57
O8 C22 H17
O8 C27 H51
O8 S C31 H47
O8 S C32 H49
O8 S C33 H51
O9 S C30 H49
O9 TI C36 H18
O10 C37 H41
O10 S C49 H53
O10 S C40 H55
O10 S C41 H57
O11 C28 H51
O11 C29 H51
O11 C32 H43
O11 C34 H47
O11 C35 H55
O11 C38 H59*
O11 S C29 H49
O11 S C38 H55
O11 S C54 H73
O12 C12 H15
O12 C15 H17
O12 C15 H21
O12 C18 H27
O12 C20 H19
O12 C21 H33
O12 C24 H39
O12 C25 H43
O12 C27 H45
O12 C30 H51
O12 C33 H57
O12 C36 H63
O12 C37 H61
O12 C38 H49
O12 C42 H75
O12 C43 H53
O12 C45 H47
O12 C49 H55
O12 C48 H87
O12 C54 H99
O12 C60 H111
O12 S C27 H47
O13 C50 H63
O13 S3 C23 H15
O14 P2 C20 H25
O15 C9 H15
O15 P2 C27 H33
O15 S C39 H59
O15 S C49 H61
O15 S C63 H77
O15 S2 C49 H65
O16 C35 H57
O17 S C45 H71
O21 P3 C41 H60
O21 P3 C55 H48
O24 P3 C15 H24
O30 C65 H95
P3 C24 H48
SI9 C16 H55
```

N10

```
C6 H4
C6 H12
C11 H10
C24 H18
C26 H18
C27 H24
C27 H40
C30 H26
C30 H28
C30 H54
C31 H15
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N10

```
C32 H32
C34 H17
C34 H25
C34 H36
C35 H17
C35 H44
C42 H30
C42 H66
C44 H50
C46 H70
C48 H42
C48 H90
B CL C4 H12
BR CO O4 S2 C24 H32
BR CO O8 S2 C26 H36
BR2 O9 PT2 C7 H34
BR2 O9 PT2 C11 H38
BR2 O12 PT2 S3 C4 H34
BR2 O12 PT2 S3 C8 H38
CO MO C8 H6
CO W C8 H6
CO2 MO C8 H6
CO2 W C8 H6
CO6 O2 C28 H24
CL C5 H1
CL C6 H3
CL CO O4 S2 C16 H32
CL CO O4 S2 C24 H32
CL CO O8 S2 C16 H32
CL CO O8 S2 C24 H32
CL CO O8 S2 C26 H36
CL CO O12 S4 C26 H32
CL MN C42 H26
CL RH C4 H16
CL2 CU2 O5 S5 C15 H30
CL2 O2 C24 H34
CL2 O9 PT2 C7 H34
CL2 O9 PT2 C11 H38
CL2 O12 PT2 S3 C4 H34
CL2 O12 PT2 S3 C8 H38
CL3 O12 C25 H31
CL4 CR2 O S C1 H28
CL5 CR2 H31 O
CO H12
CO O8 C48 H39
CO O8 S2 C10 H20
CO O8 S2 C32 H27
CO O8 S3 C24 H32
CO O10 C10 H20
CO O12 C50 H39
CU O17 S2 C34 H27
CO2 K6 C10
CO2 O9 C31 H54
CO2 O13 C23 H50
CO2 O13 S2 C5 H20
CR O S4 C10 H13
CR O8 C48 H39
CR O8 S2 C32 H27
CR O12 C50 H39
CR O12 S2 C34 H27
CR2 H31 I5 O16
CR2 O9 S3 C1 H28
CU C24 H14
CU O4 C14 H20
CU O6 S2 C10 H16
CU O8 C6 H16,
CU O8 C8 H20
CU O8 V C22 H31
CU O10 C10 H20
CU O10 S4 C36 H22
FE C22 H48
FE O7 C46 H47
FE O7 C48 H51
FE S6 C66 H51
H3 K3 O30 U
I2 O9 PT2 C7 H34
I2 O9 PT2 C11 H38
I2 O12 PT2 S3 C4 H34
I2 U12 PT2 S3 C8 H38
MG O9 S C5 H20
MN M C8 H6
MN NA C34 H16
MN W C8 H6
MN2 MO C8 H6
MN2 W C8 H6
NI C2 H4
NI O4 C14 H8
NI O4 C34 H36
NI O10 C10 H20
NI2 O4 C34 H24
NI2 O4 C40 H24
O2 C10 H16
O2 C26 H20
O2 C28 H24
O2 C30 H28
O2 C32 H32
O2 C38 H28
O4 C10 H12
O4 C26 H20
O4 C28 H24
O4 C30 H28
O5 S2 C16 H12
O5 S2 C24 H18
O6 PB C10 H4
O7 C34 H42
O8 C21 H26
O8 C22 H28
O8 C22 H30
O8 S C31 H28
O8 S2 C34 H30
O9 C33 H58
O9 S C38 H60
O10 C16 H28
O10 C18 H32
O10 C26 H46
O10 C45 H52
O10 P C23 H29
O10 S2 C2 H30
O10 S2 C26 H30
O10 S2 C36 H34
O10 S2 C40 H38
O11 C30 H48
O11 C33 H48
O11 C37 H52
O11 C39 H56
O11 C41 H64
O12 C39 H52
O12 C41 H66
O12 C42 H52
O12 C43 H54
O12 S2 C30 H34
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N10
CONTINUED

```
O12 S2 C30 H38
O12 S2 C32 H38
O12 S2 C40 H42
O12 U C7 H22
O13 P2 C20 H26
O13 S C51 H78
O13 S4 C39 H34
O13 U C8 H22
O14 C22 H28
O14 C55 H70
O14 C60 H84
O14 C60 H90
O14 P2 PD2 C60 H40
O14 S C28 H20
O14 S3 C2 H31
O14 S3 C2 H34
O14 S3 C62 H86
O14 S4 C34 H30
O17 C38 H62
O17 S3 C68 H92
O18 U C10 H14
O25 P2 C43 H70
O25 SI10 C90 H150
O26 SI12 C88 H148
O30 SI15 C100 H180
O30 SI16 C96 H172
O35 SI20 C110 H210
O40 SI25 C120 H240
S2 C38 H34
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N11

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C20 H37
C27 H51
C38 H49
C38 H73
C40 H37
C44 H77
C46 H57
C50 H41
C50 H97
C54 H41
C54 H47
C56 H53
C60 H45
C62 H121
C64 H53
C70 H65
C72 H69
AG O9 C14 H10
CL2 CO O9 C48 H74
CL6 CR2 O C2 H37
CU O4 S3 C25 H32
CO O7 S2 C24 H32
CO O11 S2 C26 H36
CO O11 S4 C26 H32
CO O12 S C48 H74
CU O13 C52 H80
CO O15 S4 C32 H40
CO2 O C11 H25
CU C34 H17
CU S3 C43 H34
FE O14 S C46 H33
H10 IR2 K5 O22 S2
O4 C22 H43
O8 S C45 H57
O10 C33 H55
O10 S C47 H69
O10 S C53 H63
O11 C37 H49
O11 S2 C37 H55
O11 S2 C38 H59
O11 S2 C41 H63
O11 S2 C43 H65
O11 S2 C57 H79
O12 C41 H67
O12 S2 C43 H65
O12 S2 C57 H79
O13 S3 C58 H75
O13 S3 C59 H79
O13 S3 C62 H83
O14 C50 H63
O14 S C48 H61
O14 S3 C62 H83
O19 C64 H89
O33 PR2 RB5
O36 C77 H113
S C30 H26
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N12

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C10 H10
C38 H25
AS2 O16 PB2 C36 H26
B2 CO O4 P4 C72 H112
B12 O7 C128 H138
BR CO O6 S2 C28 H38
BR2 CU2 S6 C6 H24
BR3 MO O6 C6 H24
CD MO C8 H8
CD O16 S4 C21 H54
CO W C8 H8
CO2 MO C8 H8
CO2 W C8 H8
CO4 S3 C63 H74
CE C36 H12
CL CO O6 S2 C28 H38
CL CO O10 S2 C28 H38
CL2 CU O12 P4 C24 H72
CL2 CU2 S6 C6 H24
CL2 NI O12 P4 C24 H72
CL2 O12 P4 ZN C24 H72
CL4 SI C56 H60
CO CR O6 C12 H24
CO FE C6 H18
CO H18
CO O9 S3 C3 H15
CO O11 P C51 H75
CU S4 C44 H34
CO2 C6 H18
CO2 FE4 O21 C6 H36
CO2 O12 C6 H22
CU2 O15 U C5 H36
CR2 O12 S3 C36 H48
CR4 I6 O24 C12 H54
CS2 C36 H12
CU C28 H24
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N12

```
CU O6 V C18 H25
CU O8 S4 C40 H28
CU S4 C44 H34
FE O12 C34 H22
FE2 O4 S C82 H70
FE2 O13 C40 H32
FE2 O13 C48 H32
FE2 O34 S11 C82 H20
H25 IR O14 PT2 S2
LI O10 P C28 H38
MN N C8 H8
MN W C8 H8
MN2 O36 S6 C60 H48
MN2 W C8 H8
MO12 O40 TI C4 H24
MO12 O40 ZR C4 H24
NI C48 H24
NI C62 H46
O2 PT RE2 S8 C8 H12
O5 C24 H30
O6 S2 C32 H28
O7 S3 C18 H14
O7 SB C120 H117
O8 C30 H48
O8 S C36 H62
O8 S C38 H40
O8 S2 C36 H36
O8 S2 C38 H40
O8 S2 C40 H40
O8 S2 C40 H44
O9 C65 H64
O9 C68 H78
O9 P C26 H37
O10 P C28 H39
O10 S C44 H68
O10 S2 C28 H36
O10 S2 C34 H28
O10 S2 C36 H44
O10 S2 C38 H40
O10 S2 C39 H56
O10 S2 C40 H44
O10 S2 C42 H48
O10 S2 C44 H48
O10 S2 C44 H52
O11 S C53 H62
O12 C34 H60
O12 C44 H70
O12 C50 H70
O12 S2 C38 H36
O12 S2 C42 H40
O12 S2 C42 H64
O12 S2 C43 H66
O12 S2 C44 H68
O12 S2 C47 H62
O12 S4 C32 H28
O13 S C62 H78
O13 S4 C33 H22
O13 U C5 H20
O14 C42 H42
O14 C72 H84
O14 S2 C36 H52
O14 S2 C65 H86
O14 S3 C63 H84
O14 S3 C64 H86
O14 S3 C65 H88
O14 S4 C36 H36
O14 S4 C40 H40
O14 S4 C40 H44
O14 S4 C44 H52
O15 C18 H18
O15 C55 H70
O15 S3 C61 H86
O15 U C8 H30
O16 C48 H56
O16 C60 H84
O16 S3 C67 H92
O16 S4 C40 H44
O16 S4 C44 H52
O16 S4 C48 H60
O16 U C12 H24
O17 C60 H82
O17 C60 H84
O17 C62 H86
O18 C40 H66
O18 C62 H86
O18 C64 H90
O19 S6 C33 H22
O21 C12 H12
O21 C51 H78
O27 SI10 C98 H154
O30 C18 H24
O32 SI15 C108 H184
O36 SI18 C162 H324
O42 SI24 C156 H264
SM C36 H12
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N13

```
C6 H3
CD6 C43 H23
CL C26 H16
CO O11 P C49 H71
CO O11 S2 C32 H42
CO O13 P C50 H71
CO O13 P C51 H73
CO O17 P2 C62 H88
CO2 H26 O14
FE O15 C41 H29
H24 IR O13 PT2 S
D6 C29 H57
O11 C45 H65
O12 C48 H69
O12 C49 H69
O12 C49 H71
O13 C50 H71
O13 C53 H71
O13 C62 H79
O15 S C54 H85
O16 C53 H87
O16 C61 H81
O16 S C37 H57
O16 S C46 H73
O16 S4 C21 H99
O17 S C59 H93
O18 C57 H97
O18 S4 C76 H107
O19 S2 C35 H59
O20 C37 H37
U146 P12 C159 H283
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N13
CONTINUED

N14

```
B14 O8 C134 H130
CO O7 C47 H67
CO O10 P C50 H74
CO O14 P C60 H85
CO O15 P C62 H87
CO O17 P2 C65 H91
FE C60 H32
MN2 O28 C14 H14
MN2 O28 C28 H42
NI C60 H32
O2 C44 H32
O8 S2 C40 H46
O8 S2 C46 H54
O12 C41 H74
O12 C50 H72
O13 C50 H78
O13 S4 C53 H44
O14 S C44 H66
O14 U C6 H24
O16 C57 H74
O16 C64 H82
O16 C73 H90
O18 S C69 H88
O35 SI14 C133 H224
O158 P13 C172 H306
TI6 C56 H130
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N15

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CD6 CL2 O2 C55 H63
CD6 O2 C43 H49
CL15 H30 O5 RU5
CR2 GE6 H39 S12
D10 C48 H37
D11 C50 H73
D11 S2 C43 H67
D11 S2 C46 H65
D12 S2 C43 H67
D12 S2 C46 H65
D13 C44 H71
D14 C50 H71
D15 S3 C72 H93
D15 S3 C75 H91
D16 C58 H77
D16 S3 C75 H91
D16 S4 C71 H93
D16 S4 C71 H93
D16 S4 C74 H91
D17 C61 H81
D17 S C66 H83
D18 C54 H79
D19 S2 C57 H101
D20 S C63 H95
O170 P14 C185 H329
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N16

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C48 H38
C61 H52
C81 H60
C89 H76
C93 H84
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AS P C86 H52
B16 O9 C184 H338
B16 O10 C112 H180
CO2 O6 S4 C10 H32
CU2 O20 S5 C40 H60
CU O12 S4 C46 H24
CU S4 C64 H51
FE7 O24 C24 H32
MO12 O40 TI C24 H52
MO12 O40 ZR C24 H52
O3 SI2 C64 H34
O17 S C66 H102
O17 S C66 H104
O18 C54 H86
O20 C52 H88
O20 C60 H100
O20 S2 C81 H96
O24 S5 C91 H130
O26 S5 C99 H136
O26 S5 C100 H138
O40 SI16 C176 H256
O64 SI40 C224 H400
O105 P8 C128 H234
O182 P15 C198 H352
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N17

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CO O18 P2 C59 H86
CU O19 P2 C59 H86
CU S5 C65 H51
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O16 S C65 H83
O17 C58 H77
O17 C65 H83
O18 C61 H81
O19 S C55 H89
O24 S2 C58 H95
O26 C70 H109
O51 PR4 RB5
O57 C100 H167
O194 P16 C211 H375
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N18

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CR2 O6 S12 C72 H72
CR4 H60 O24 S5
FE S6 C66 H51
FE3 K4 O8 U4 C18
FE3 NA2 O10 U5 C18
FE3 NA4 O8 U4 C18
FE4 O21 C12 H36
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N18
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O15 U C11 H36
O19 S C62 H100
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O23 C59 H94
O27 SI14 C118 H212
O31 SI18 C126 H236
O35 SI22 C134 H260
O36 SI36 C225 H432
O54 SI27 C216 H342
O54 SI27 C243 H378

N19

CL6 O6 C67 H95
CL6 O7 C63 H93
O18 S C65 H113
O19 C62 H101
O24 S2 C57 H95

N20

CL2 CO O10 C10 H40
CU2 O20 S9 C52 H64
CR O C66 H66
CR4 H62 O22 S5
O4 PT3 RE2 S8 C8 H36
O13 C55 H98
O15 C63 H104
O23 C65 H100

N21

BI5 FE3 O9 C18
CR O C69 H69
O14 C67 H99
O16 C75 H105
O20 S C77 H109
O24 C77 H131
O24 S C74 H115
O25 S C72 H113
O60 P3 C30 H48

N22

O18 C75 H104
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O23 S4 C97 H144
O24 C85 H120
O30 C89 H150
O44 S155 C308 H616
O66 PR5 RB7

N23

O36 C90 H147

N24

AL2 O2 SI C96 H48
BI6 FE3 O18 C18
CU12 FE10 C24
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O18 C76 H128
O31 S2 C96 H144
O48 SI24 C228 H384

N25

CO8 CL5 C135 H152
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O26 C75 H123

N26

CR O C86 H88
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O29 S C96 H136

N27

CR O C90 H83
O24 S C94 H137

N28

CR O C93 H86
O8 RE4 S16 C16 H48
O56 SI42 C308 H560

N29

O23 S C95 H145
U30 S C99 H143
O35 S6 C152 H193

N30

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CU5 O12 C120 H72
CS8 FE5 O12 U6 C30
CU12 FE6 C30
FE5 K8 O12 U6 C30
FE5 O12 R88 U6 C30
TI14 C120 H274

N32

AL2 O3 SI2 C128 H64

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TI16 C136 H310

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O51 S3 C117 HL79
O70 C140 H105

N36

O25 S C111 H174

N37

O24 S C111 H175
O28 S C116 H177

N38

O43 S C128 H206

N39

O30 S C131 H203

N41

O32 S C135 H205
O33 S C137 H207

N42

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CS12 FE7 O16 U8 C42
FE7 O16 RB12 U8 C42

N48

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O68 S2 C198 H322

N56

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O112 SI48 C432 H728

N60

O135 SI70 C490 H880

N64

864 O34 C200 H212

N66

BI16 FE9 O36 C54

N70

CO10 FE9 C54 H64

N75

O150 C300 H225

N88

O112 C624 H888

N94

O35 C164 H316

N96

BI20 FE16 NA4 C96
BI22 FE15 O18 C90

N100

O240 C440 H640
O296 C516 H708

N128

O184 C468 H780

N131

O218 C597 H897

N140

O218 C544 H902

N143

O213 C547 H917

N166

C249 H166

N170

U100 C510 H990

N188

C282 H188

N208

C624 H624

N205

C12 H14

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C8 H7
C8 H9
C11 H9
C12 H9
C12 H10
C13 H13
C15 H17
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AL C3 H10
AL C4 H12
AL C6 H16
AL C8 H20
AL C9 H22
AL C12 H28
AL C16 H36
AL BE3 CS FE MG
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AL O C8 H20
AL O3 S12 C6 H18
AL O4 SI4 C12 H36
AL5 O8
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B H2 S12 O7
B2 H7
B11 H14
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BR3 O8 P2 ZN C24 H54
CA O9 P3
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CL4 N8 O
CL6 O SI C7 H3
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CO N2 O6 C2 H6
CO N4 O6 S2 C2 H14
CU N4 O6 S2 C4 H16
CU N8 O6 C32 H20
CR F6 K2
CR N6 O8 S2 C36 H26
CR N6 O8 S2 C48 H34
CU F3
CU H5 O14 P4
CU O9 P3
F2 O2 P
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F6 GA K2
FE K3 N6 O2 C5
FE O4 SI4 C12 H36
GA N2 O8 C10 H16
GA N2 O9 C10 H14
GA O4 SI4 C12 H36
GE O5 C25 H43
GE S C18 H15
H O16 V6
H2 N8 O6
H3 N2
H4 MO3 N O10
I N2 O2 C12 H14
IN O9 C6 H8
LI O6 P2
LI2 O9 P3
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MN N9 O C35 H22
MN N10 C34 H16
MO N O7 C2 H4
MO O6 P
N C13 H8
N C19 H12
N C19 H14
N O2 C15 H12
N O3 C12 H14
N O3 C15 H18
N O4 C22 H34
N SI2 C6 H18

NA

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N5 C7
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N5 O6 C7 H2
N5 O6 C18 H12
O2 C9 H15
O2 C12 H13
O2 C15 H11
O2 TI
O3 C9 H15
O3 SI C6 H7
O3 TA
O4 S2 C8 H13
O4 S3 C10 H15
O5 S C15 H11
O5 S C16 H11
O6 P W
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O7 V C4 H3
O7 ZR C2 H3
O9 P3 ZN
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O17 TH C12 H17
SI C11 H15

NA2

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AL2 O8 SI2
AL2 O10 SI3
AL2 O12 SI4
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B12 H12
BA O12 P4
BE2 C8 H22
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BR4 ZN
CA O12 P4
CL LI
CL6 IR
CL6 MO
CL6 PU
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CU N4 SE4 C4
CU N5 C5
CO N5 O C5 H2
CU F4
CU O12 P4
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FE O5 C5 H15
FE3 N18 O10 U5 C18
H5 N5 SI2
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H8 MO4 N2 O14
HF O3
HG O2
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LI O9 P3
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MO7 O22
N C19 H13
N2 O6 C7 H6
N2 O14 U C6 H8
N2 O16 U C8 H8
N3 O9 S C6 H3
NI U8 S2
O2 C12 H13
O2 SI C7 H8
O2 SI C12 H10
O3 C4 H12
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O5 TE2
O9 TE4
O9 ZR C4
U12 P4 PB
O12 P4 ZN
O18 TH C12 H18
S2

NA3

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CO H9 N3 O9 S3
CU H3 O14 P4
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FE N6 C5 H3
FE O6 C6
FE O10 C10 H34
FE O18 P6
H O5 S
H3 O8 P2
N3 O7 C6 H4
NB O8
O3 SI C6 H5
O8 TA
O8 V

NA4

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CA O18 P6
CU H2 O14 P4
CU O18 P6
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FE O10 C10 H33
FE2 O13 C13 H42
FE3 N18 O8 U4 C18
H O10 P3
O16 TH C8
O18 P6 PB
O18 P6 ZN
O21 U2 C5 H12
U22 S18 ZR2

Na5

CU H O14 P4
FE H6 I2 O14

NA6

CE I2 O12
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O15 TH C5
O15 U C5

NA8

AL6 H6 O28 SI6
O19 TH C7
O20 TH C8

NA10

O23 TH C9

NB

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BR5 S2 C8 H16
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CL4
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C 4 NA O
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CL5 S C2 H6
CL5 S C4 H10
CL5 S2 C8 H16
F K2 O3
H2 K O6
H2 NA O6
K3 O8
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N4 C14 H36
N4 C16 H40
N4 C17 H40

NB

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N4 C24 H56
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N5 C14 H38
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N6 C30 H24
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O7 C14 H9

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NB3

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NB4

CL2 O9

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CL3 N3 O6 C6 H15
CL3 N3 O6 C9 H21
CR N9 O6 S6 C24 H15
F9 O6 C15 H12
F9 O6 S3 C24 H12
I3
N2 O8 C10 H13
N3 O6 C6 H12
N3 O6 C9 H18
N4 O9 C45 H31
O3 C12 H27
O6 C30 H27
O6 C45 H33

ND2

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O5 TE
O6 TE
S3

ND4

GA2 O9
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NI

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AS2 O8 C8 H18
AS2 O8 C14 H30
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CL2 N2 C12 H14
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CR2 O4
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F7 I P2 C29 H24
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I2 N6 O2 C8 H18
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I2 P2 C30 H30
I2 P2 C38 H34

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N2 O6 P4 C52 H48
N2 O8 C10 H14
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O4 S2 C18 H18
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O6 C10 H16
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O12 P2 C44 H46
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P6 C82 H78
S4 C28 H20
SE2 C2
TA
TA2

NI2

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CD HG I4 N4 S4 C8 H24
CD2 CL4 N4 S4 C8 H24
CL CU N4 S4 C8 H24
CL2 CU N4 S4 C8 H24
CL2 N4 PD S4 C8 H24
CL2 N4 PT S4 C8 H24
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N4 O4 C36 H20
N10 O4 C34 H24
N10 O4 C40 H24
O6 P2 C16 H24
P4 C48 H40
P6 C72 H134
TA

NI3

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CL2 N4 S4 C8 H24
CR2 H6 O18 P6
I2 N4 S4 C8 H24
N2 O2 S4 C7 H14

O

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CR N21 C69 H69
CR N26 C86 H88
CR N27 C90 H83
CR N28 C93 H86
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F N C10 H10

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CL2 P2 PT C10 H18
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CR F9 C15 H12
CR F18 C15 H3
CR GD N9 S6 C24 H15
CR H TL
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CR HO N9 S6 C24 H15
CR LA N9 S6 C24 H15
CR LU N9 S6 C24 H15
CR N7 C36 H23
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CR N8 C36 H42
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CR N9 S6 TB C24 H15

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F72 N3 P3 C42 H18
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FE N6 C28 H24
FE N6 S3 C27 H39

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FE2 C36 H22
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N7 RH C4 H16
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NB C24 H36
NB C25 H24

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P3 S6 ZN2 C24 H55
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ZR2 C4 H6

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AG2 N4 PT C12 H24
AG2 N4 PT C20 H40
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AL5 NA
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AS N6 S C18 H15
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AS2 C54 H60
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AS2 NI C14 H30
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AS3 CL C10 H16
AS4 CD CL2 C20 H32
AS4 CL2 HG C20 H32
AS4 CL2 PD C52 H48

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AS4 TH
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BA N3 P C11 H16
BA P C5 H9
BA P2 C18 H20
BA S4 C14 H10
BA2 N6 P2 C7 H14
BA2 N6 P2 C8 H16
BA5 FE2
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BR2 N4 S2 C10 H6
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BR4 N8 TI C24 H24
BR4 P4 C64 H128
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CD N2 S C6 H14
CD N4 C12 H26
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CL N5 C29 H26

O8 CONTINUED

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CL2 CU N6 S2 C62 H42
CL2 CU N6 S2 C70 H46
CL2 F2 C26 H12
CL2 FE N6 C48 H42
CL2 N P C12 H24
CL2 N P C16 H28
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CO N7 C45 H32
CO N8 C5 H17
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CO N8 S C4 H16
CO N10 C48 H39
CO N10 S2 C10 H20
CO N10 S2 C32 H27
CO N10 S3 C24 H32
CO2 P2 C50 H34
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CR N7 S4 C40 H42
CR N10 C48 H39

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GA N2 NA C10 H16
GD N2 C10 H13
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N4 C50 H60
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N4 P2 C10 H14
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N4 S C22 H24
N4 S C41 H46
N4 S U2 C24 H20
N4 S2 C33 H28
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N13 C45 H65
N15 C50 H73
N15 S2 C43 H67
N15 S2 C46 H65
NA TH C6 H11
P C33 H29
P2 C24 H52
S C15 H24
S C17 H18
S C18 H26
S C29 H28
S ZR3
S2 C17 H28
S3 C9 H16
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SI4 C24 H50
SI10 SN C22 H66
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O12

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C12 H16
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C38 H50
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C41 H66
C42 H56
C42 H68
C43 H70
C47 H68
C50 H30
C64 H56
C72 H72
C76 H72
C95 H96
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AL3 B4 DY
AL3 B4 ER
AL3 B4 EU
AL3 B4 GD
AL3 B4 HO
AL3 B4 ND
AL3 B4 SM
AL3 B4 TB
AL3 B4 Y
AL3 B4 YB
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AS2 CU N4 C38 H36
AS2 MN N4 C38 H36
AS2 N4 NI C38 H36
AS3 MO C12 H27
AS4 C15 H24
AS4 CL2 CO C72 H60
AS4 TH3
AU2 N6 C12 H18
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B3 N3 P3 C6 H21
B3 N3 P3 C9 H27
B3 N3 P3 C12 H33
B3 N3 P3 C15 H39
B3 N3 P3 C18 H45
B3 N3 P3 C21 H51
B3 N3 P3 C24 H57
B4 CR3 GD
B4 CR3 SM
BA C14 H22
BA CL2 C8 H16
BA N2 P2 C34 H30
BA N2 S2 C34 H32
BA N2 S2 C44 H36
BA NA2 P4
BI2 W3
BI6 W
BR C29 H29
BR H20 N9
BR L13 N2 P2 C9 H10
BR N2 P2 C9 H13
BR2 N2 C48 H62
BR2 N2 C49 H64
BR2 N2 C50 H66
BR2 N2 C51 H68
BR2 N2 C52 H70
BR2 N2 C53 H72
BR2 N2 C54 H74
BR2 N10 PT2 S3 C4 H34
BR2 N10 PT2 S3 C8 H38
BR7 C29 H25
CA N2 P2 C16 H18
CA N3 P2 C9 H13
CA NA2 P4
CO K4 N6 SE6 C30 H48
CO2 N3 C15 H23
CE I2 NA6
CL CO N6 C18 H24
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CL H20 N9
CL LI3 N2 P2 C9 H10
CL N C21 H18
CL N C36 H36
CL N2 C33 H39
CL N2 P2 C9 H13
CL N4 S3 C29 H29
CL N5 C33 H46
CL N7 C33 H24
CL N7 C34 H26
CL N7 S2 C47 H64
CL N9 C15 H16
CL N17 S4 C55 H44
CL2 C95 H94
CL2 CO N6 S2 C62 H42
CL2 CO N6 S2 C70 H46
CL2 CO N8 C10 H20
CL2 CO N12 P4 C24 H72
CL2 CU N4 C36 H28
CL2 CU N6 S2 C62 H42
CL2 CU N6 S2 C70 H46
CL2 CU N8 C10 H20
CL2 N P C18 H28
CL2 N P C25 H34
CL2 N6 NI S2 C70 H46
CL2 N10 PT2 S3 C4 H34
CL2 N10 PT2 S3 C8 H38
CL2 N12 NI P4 C24 H72
CL2 N12 P4 ZN C24 H72
CL2 PB C8 H16
CL2 SR C8 H16
CL2 ZR2 C2 H12
CL3 CO H18 N6
CL3 CO N9 S3 C3 H15
CL3 IN
CL3 MO N6 C18 H24
CL3 N6 S2 C31 H39
CL3 N10 C25 H31
CL3 P4 RH C20 H36
CL6 FE5 C24 H12
CL8 SI C32 H20
CL16 C64 H40
CO CR N6 C20 H24
CO N2 SE2 C26 H48
CO N3 C15 H18
CO N3 S3 C33 H30
CO N6 C8 H24
CO N6 C50 H35
CO N6 C52 H39
CO N6 C58 H39
CO N7 C25 H28
CO N8 C50 H37
CO N8 S C42 H31
CO N8 S C43 H33
CO N8 S C46 H33
CO N10 C50 H39
CO N10 S2 C34 H27
CO N11 S C48 H74
CO2 N2 C18 H20
CO2 N8 C54 H32
CO2 N12 C6 H22
CO5 N30 C102 H72
CO5 N30 C120 H72
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CR N6 C52 H39
CR N6 C58 H39
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CR N6 S4 C46 H34
CR N6 S4 C50 H42
CR N8 C50 H37
CR N8 S C42 H31
CR N8 S C43 H33
CR N8 S C46 H33
CR N8 S4 C36 H32
CR N10 C50 H39
CR N10 S2 C34 H27
CR2 N12 S3 C36 H48
CR2 P2 C44 H48
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CU N2 C36 H44
CU N4 C28 H26
CU N16 S4 C46 H24
CU NA2 P4
D2 C35 H70
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F N C31 H44
F N C32 H46
F N2 P2 C9 H13
F2 N4 P C18 H21
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FE N6 S4 C34 H28
FE N12 C34 H22
FE2 H3 P3
FE2 N6 C6 H6
FE2 N6 C12 H18
FE2 N6 C36 H54
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FE3 C28 H16
FE4 C3
FE5 K8 N30 U6 C30
FE5 N30 R88 U6 C30
GE4 C64 H72
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H12 K N7
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I N2 P2 C9 H13
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I2 N10 PT2 S3 C4 H34
I2 N10 PT2 S3 C8 H38
K2 N4 PD
K2 N6 PT
K7 N6 NI C21 H21
LI4 NI S3
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MO P3 C21 H45
MO P3 C57 H45
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N C21 H23
N C22 H25
N C25 H29
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N C36 H51
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N C3Ⅲ H71
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N S C24 H33
N S C32 H25
N S C36 H37
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N2 C26 H36
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N2 C30 H36
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N2 S2 C24 H38
N2 S2 C28 H50
N2 S2 C40 H58
N2 SI9 TI C36 H66
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N3 C29 H27
N3 C29 H41
N3 C56 H43
N3 P2 C9 H15
N3 RH C15 H18
N3 S C20 H23
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N4 C23 H24
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N4 C26 H26
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N4 C31 H24
N4 C46 H56
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N4 P4 V3 C84 H64
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N4 SI C28 H72
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N6 S C50 H62
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N6 S2 C44 H58
N6 S2 C48 H56
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N9 C37 H61
N9 C38 H49
N9 C42 H75
N9 C43 H53
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N9 C54 H99
N9 C60 H111
N9 S C27 H47
N10 C39 H52
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N11 S2 C57 H79
N12 C34 H60
N12 C44 H70
N12 C50 H70
N12 S2 C38 H36
N12 S2 C42 H40
N12 S2 C42 H64
N12 S2 C43 H66
N12 S2 C44 H68
N12 S2 C47 H62
N12 S4 C32 H28
N13 C48 H69
N13 C49 H69
N13 C49 H71
N14 C41 H74
N14 C50 H72
N15 S2 C43 H67
N15 S2 C46 H65
NA2 P4 PB
NA2 P4 ZN
NI P2 C44 H46
OS3 C12
P C44 H63
P C48 H63
P3 Y C48 H72
P4 V3 C88 H68
S C15 H22
S C22 H28
S2 C7 H14
S2 C22 H12
S2 C38 H44
S4 C38 H44
S4 C52 H32
S84 C15 H24
SI8 C48 H40
SI8 SN C8 H24
SI8 SN C16 H40
SI8 SN C48 H40
SI8 TI C56 H68
SI9 C56 H68
SR C8 H10
TE C28 H20
TH C8 H8
TH C16 H28
TH C32 H28
TI6 C60 H96
ZR2 C2 H10
ZR2 C10 H16
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O13

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C34 H44
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C35 H48
C36 H50
C37 H52
C39 H62
C40 H50
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C40 H82
C42 H42
C46 H82
C48 H44
C49 H38
C49 H88
C58 H106
C70 H130
C75 H132
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AS N5 S2 C22 H16
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B7 CL MN3
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BE4 C36 H54
BE4 C42 H66
BE4 C60 H48
BE4 N3 C12 H27
BE4 N3 C18 H39
BE4 N3 C24 H51
BE5 C13 H30
BR N3 C27 H20
BR3 N2 C35 H31
BR4 C32 H32
CL N3 C27 H20
CL2 P4 V C72 H60
CO N11 C52 H80
CU N13 P C50 H71
CU N13 P C51 H73
CU2 N10 C23 H50
CU2 N10 S2 C5 H20
F3 N8 S C43 H61
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H14 N2 U3
H20 MO N8
H24 IR N13 PT2 S
HG N6 C5 H6
HG N6 C6 H8
HG2 N6 C8 H10
IR K4 N5 S
K4 TH C5
N C21 H23
N C26 H29
N C27 H33
N C29 H49
N C48 H91
N C50 H95
N C52 H99
N C54 H103
N P C13 H26
N P C20 H22
N P C27 H28
N P C34 H34
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N2 C27 H34
N2 C32 H48
N2 C33 H44
N2 P C17 H23
N2 P C29 H31
N2 S C26 H32
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N4 C35 H22
N4 C41 H46
N4 C41 H48
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N4 S3 C23 H16
N5 C29 H27
N5 P C18 H24
N5 P C20 H28
N5 P2 S C10 H15
N5 P3 C10 H16
N5 SI11 C28 H59
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N6 P C17 H23
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N6 P3 C10 H17
N6 S C60 H66
N6 S4 C35 H28
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N7 C39 H59
N7 P2 C21 H27
N7 S C52 H65
N7 S2 C61 H71
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N8 S C18 H18
N8 S C37 H50
N8 S C41 H60
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N12 U C5 H20
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N14 S4 C53 H44
N15 C44 H71
N18 S4 C57 H50
N20 C55 H98
S C26 H42
SI8 C18 H30
SI8 C40 H38
SI8 TI C66 H78

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C35 H54
C36 H56
C36 H58
C39 H60
C45 H58
C57 H60
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AS N6 P C46 H36
AS2 N4 S2 C22 H18
B8 MG2
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BA S2 C32 H26
BA S2 C42 H30
BA ZR2 C4 H6
BR F4 K S4
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CL N4 C27 H23
CL2 CO N6 C18 H42
CL2 CO N6 C30 H30
CL2 CO N6 C54 H42

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CL2 CU S6 C24 H48
CL2 CU N6 C18 H42
CL2 CU N6 C30 H30
CL2 MN S6 C12 H36
CL2 MN S6 C24 H48
CL2 N2 NI C8 H22
CL2 N3 ZN C15 H33
CL2 N4 U C16 H36
CL2 N5 V C25 H25
CL2 N6 NI C18 H42
CL2 N6 NI C30 H30
CL2 N6 NI C54 H42
CL2 NI S6 C12 H36
CL2 NI S6 C24 H48
CL3 CO N6 C5 H26
CL3 CR N4 C12 H20
CO N4 NA2 SE4 C32 H56
CO N14 P C60 H85
CO2 H26 N13
CO2 N8 S2 C52 H32
CO2 N8 S2 C54 H36
CR N8 S2 C36 H28
CU C36 H34
CU H NA5 P4
CU H2 NA4 P4
CU H3 NA3 P4
CU H5 NA P4
CU N2 S2 C36 H48
CU N6 C20 H44
F L14 N2 P3 C9 H10
F N2 P3 C9 H14
FE H6 I2 NA5
FE N11 S C46 H33
H2 K2 N4 PT
H8 MO4 N2 NA2
H11 N TH3
H13 N U3
H25 IR N12 PT2 S2
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HG N6 C10 H16
HG N6 C12 H20
HG2 N6 C8 H12
K N4 U
K2 N4 U
K7 N3 C20 H36
MO P4 C14 H36
N C17 H23
N C26 H35
N C28 H31
N C40 H65
N SI14 C34 H89
N2 C18 H30
N2 C26 H28
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N2 C32 H44
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N2 C34 H40
N2 C34 H52
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N2 S C32 H24
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N4 S4 C22 H16
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N6 P2 C36 H30
N6 P2 C38 H28
N6 P2 C42 H36
N6 P2 C50 H36
N6 P2 S C21 H26
N6 P6 PD2 C88 H72
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N6 SI6 C48 H76
N6 U C10 H10
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N7 C18 H31
N7 S C49 H59
N8 C11 H18
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N8 C32 H34
N8 C39 H28
N8 C39 H56
N8 S C44 H56
N8 S4 C23 H16
N8 U C20 H18
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N10 C60 H90
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N10 S3 C2 H34
N10 S3 C62 H86
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N11 C50 H63
N11 S C48 H61
N11 S3 C62 H83
N12 C42 H42
N12 C72 H84
N12 S2 C36 H52
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N12 S3 C63 H84
N12 S3 C64 H86
N12 S3 C65 H88
N12 S4 C36 H36

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N12 S4 C44 H52
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N15 C50 H71
N21 C67 H99
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SI12 C24 H68
SR C10 H14
TH C10 H12
W C4 H8

O15

C16 H26
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C22 H30
C26 H28
C27 H30
C27 H36
C28 H36
C29 H28
C33 H36
C35 H52
C36 H42
C36 H52
C42 H68
C43 H66
C52 H42
C53 H90
C57 H58
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BA4 FE2 H16
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BR3 C29 H27
BR3 N2 C29 H29
CA2 N3 P3 C8 H10
CL C24 H33
CL N7 C47 H64
CL2 N3 NI C15 H35
CL2 TH2 C12 H12
CL8 S4 C12 H14
CO N11 S4 C32 H40
CO N14 P C62 H87
CO2 N12 U C5 H36
CU N P4 C20 H36
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F N2 P3 C9 H14
FE N13 C41 H29
FE SI8 C48 H44
FE2 NA6 C15 H48
H5 V5
I2 S3 C33 H38
K6 U C5
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N2 C23 H32
N2 P2 C16 H24
N2 P3 C9 H15
N3 C49 H47
N3 P2 C16 H27
N3 P3 C8 H14
N4 C35 H50
N4 P2 C24 H16
N5 C32 H25
N5 C34 H29
N5 P C22 H30
N5 P C29 H34
N5 P2 C20 H27
N7 P2 C19 H25
N7 P2 C21 H27
N8 S C22 H22
N8 S C31 H52
N8 S C49 H68
N9 C9 H15
N9 P2 C27 H33
N9 S C39 H59
N9 S C49 H61
N9 S C63 H77
N9 S2 C49 H65
N12 C18 H18
N12 C55 H70
N12 S3 C61 H86
N12 U C8 H30
N13 S C54 H85
N15 S3 C72 H93
N15 S3 C75 H91
N18 U C11 H36
N20 C63 H104
NA6 TH C5
NA6 U C5
PB5 U4
S C28 H34
S3 C46 H38
Y2 C12 H12

O16

C18 H32
C22 H18
C24 H34
C27 H30
C28 H32
C29 H28
C30 H18
C33 H38
C36 H38
C40 H36
C42 H42
C45 H72
C53 H88
C84 H64
AG CL P4 C20 H36
AL6 CA4 S
AS N5 S3 C22 H16
AS2 N12 PB2 C36 H26
AS4 V3 C84 H60
BA C22 H30
BA CR2 N4 C28 H16
BA CR2 N4 C32 H16
BA S2 C12 H22
BA5 FE2 C5 H26
BE4 N7 C16 H45
BE4 N7 C30 H73
BR2 S8 C96 H64
CA3 CS2 S4

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CA3 RB2 S4
CD N12 S4 C21 H54
CL CU P4 C20 H36
CL2 CO N4 C20 H44
CL2 CU N4 C20 H44
CL2 N4 P2 S2 SC2 C22 H14
CL3 CO N6 C10 H34
CO2 N8 S2 C52 H32
CO2 N8 S2 C54 H36
CR2 H31 I5 N10
CS2 V6
CS12 FE7 N42 U8 C42
F7 I C43 H64
FE7 N42 RB12 U8 C42
H8 N2 V6
H20 N6 S4
K2 LI4 NA2 S4
K2 V6
K6 TH C6
K8 N3 C20 H35
LA P4 C64 H97
N C34 H41
N C36 H43
N C41 H67
N C42 H67
N C46 H67
N P2 C15 H29
N2 C22 H38
N2 NA2 U C8 H8
N2 P2 S C15 H24
N2 Y4 C10 H20
N3 P2 C15 H25
N3 P2 C18 H29
N4 C35 H32
N4 C43 H42
N4 P C20 H29
N4 P2 C20 H26
N4 P2 S2 C18 H24
N4 S2 C18 H14
N4 TH C28 H40
N4 TI C28 H16
N5 S4 C22 H15
N6 SI8 C52 H88
N8 C8 H10
N9 C35 H57
N12 C48 H56
N12 C60 H84
N12 S3 C67 H92
N12 S4 C40 H44
N12 S4 C44 H52
N12 S4 C48 H60
N12 U C12 H24
N13 C53 H87
N13 C61 H81
N13 S C37 H57
N13 S C46 H73
N13 S4 C21 H99
N14 C57 H74
N14 C64 H82
N14 C73 H90
N15 C58 H77
N15 S3 C75 H91
N15 S4 C71 H93
N15 S4 C71 H93
N15 S4 C74 H91
N17 S C61 H81
N17 S C65 H83
N21 C75 H105
NA H V6
NA4 TH C8
P4 SI3
P4 Y C64 H97
RB2 V6
S C32 H40
S C38 H38
SI9 C34 H80
SI12 TI C84 H100
SI13 C84 H100
SI19 C69 H124
V3 C20 H24
V3 C30 H20
V3 C64 H40

O17

C24 H42
C26 H36
C27 H30
C27 H32
C27 H34
C28 H32
C28 H34
C39 H54
C45 H72
C48 H94
C50 H82
C54 H90
C56 H42
C56 H46
AL4 H6 NA4 SI3
BR2 N4 S2 C22 H42
BR2 N4 V2 C30 H36
CL2 N4 S2 C22 H42
CL4 CR2 F H28 N9
CL4 N4 S2 C22 H40
CO N13 P2 C62 H88
CO N14 P2 C65 H91
N C26 H37
N C27 H39
N C36 H43
N C36 H45
N C46 H71
N2 P2 C15 H24
N2 SI18 C42 H116
N3 C46 H53
N3 C64 H81
N4 C34 H24
N4 C36 H46
N4 C37 H30
N4 C37 H32
N4 C39 H34
N4 C69 H84
N4 P C20 H29
N4 P2 C18 H22
N4 P2 C24 H32
N4 P2 S2 V C22 H30
N4 S5 C22 H16
N5 P C26 H34
N5 P2 C17 H27

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O17
CONTINUED

N9 S C45 H71
N10 C38 H62
N10 S3 C68 H92
N12 C60 H82
N12 C60 H84
N12 C62 H86
N13 S C59 H93
N15 C61 H81
N15 S C66 H83
N16 S C66 H102
N16 S C66 H104
N17 C58 H77
N17 C65 H83
NA TH C12 H17
S C31 H38
S3 C33 H40
SI8 TI C26 H54
V3 C10 H10
W2 C4 H8
ZR4 C12 H18

O18

C27 H24
C27 H38
C28 H24
C29 H38
C37 H42
C38 H44
C39 H48
C41 H56
C42 H38
C42 H40
C42 H44
C42 H46
C44 H40
C46 H38
C46 H50
C47 H46
C47 H74
C47 H78
C47 H80
C55 H96
C57 H94
C62 H52
C63 H112
C69 H60
C71 H128
C79 H144
C87 H160
AL N6 C45 H27
BA C18 H22
BA NA4 P6
BA S2 C80 H78
BA3 CR2 H6 P6
BA3 N6 P2 C18 H22
BI6 FE3 N24 C18
BI22 FE15 N96 C90
CA C18 H22
CA N2 P2 C17 H24
CA NA4 P6
CA3 CR2 H6 P6
CD3 CR2 H6 P6
CL2 HG C16 H36
CL3 C27 H35
CL3 C42 H41
CL3 CR H12
CL3 MN N6 C30 H24
CL34 N6 S9 SN4 C48 H66
CO N17 P2 C59 H86
CO3 CR2 H6 P6
CO6 C20
CR2 CU3 H6 P6
CR2 FE3 H6 P6
CR2 H6 HG3 P6
CR2 H6 HG6 P6
CR2 H6 MG3 P6
CR2 H6 MN3 P6
CR2 H6 NI3 P6
CR2 H6 P6 PB3
CR2 H6 P6 SN3
CR2 H6 P6 ZN3
CR2 H6 SR3 P6
CR2 H21 N S2
CS2 N6 U
CU C50 H46
CU NA4 P6
FE NA3 P6
H8 N8 U
K7 U C7 H1
MG C18 H22
MG N6 U
MN C18 H22
MO N18 C72 H36
N C58 H109
N S C34 H43
N S C37 H45
N2 C30 H44
N2 P2 C15 H22
N2 P2 C17 H26
N3 P C22 H36
N4 C42 H38
N4 C48 H62
N4 P2 C36 H40
N4 S2 C22 H18
N5 C41 H59
N6 RB2 U
N6 U ZN
N6 V3 C30 H42
N6 V3 C36 H54
N6 V3 C54 H42
N7 P3 C39 H70
N7 P3 S C23 H38
N7 P3 T2 C39 H68
N8 S C40 H34
N8 S C48 H38
N8 U C10 H10
N8 U C10 H12
N8 U C18 H16
N8 U C20 H10
N10 U C10 H14
N12 C40 H66
N12 C62 H86
N12 C64 H90
N13 C57 H97
N13 S4 C76 H107
N14 S C69 H88
N15 C54 H79
N16 C54 H86

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O18

N17 C61 H81
N19 S C65 H113
N22 C75 H104
N24 C76 H128
NA2 TH C12 H18
NA4 P6 PB
NA4 P6 ZN
TE C28 H16
TL2 C12 H12
V3 C18 H24
V3 C24 H24
V3 C30 H36
V3 C36 H48
V3 C48 H60
V3 C54 H30
V3 C54 H36
V3 C60 H48
ZN C18 H22

O19

C28 H38
C37 H36
C37 H38
C41 H64
C42 H60
C42 H66
C43 H72
C44 H86
C76 H110
CL3 C28 H35
CL8 C44 H78
CO N17 P2 C59 H86
FE N6 S6 C41 H36
FE8 C1 H10
H8 MO6 N2
HF N4 P C24 H54
N C51 H61
N4 P2 C38 H42
N4 S2 C24 H48
N5 C76 H81
N6 C42 H72
N7 P3 S C23 H36
N11 C64 H89
N12 S6 C33 H22
N13 S2 C35 H59
N15 S2 C57 H101
N17 S C55 H89
N18 S C62 H100
N19 C62 H101
NA8 TH C7
S C34 H42
S C50 H58

O20

C24 H40
C30 H42
C33 H40
C36 H64
C37 H36
C37 H38
C38 H42
C44 H46
C45 H44
C45 H74
C46 H48
C48 H68
C48 H78
C56 H88
C85 H60
AL CL3 C16 H32
AS2 N4 S4 C32 H24
BA N4 P2 C52 H56
CL2 N2 C49 H64
CL2 N6 S6 C38 H34
CL3 CR C16 H32
CL3 FE C16 H32
CL3 GA C16 H32
CL3 IN C16 H32
CL3 SC C16 H32
CO2 N16 S5 C40 H60
CO2 N20 S9 C52 H64
H4 IN2 S5
N2 S C39 H54
N3 C31 H39
N4 C46 H42
N6 C34 H56
N13 C37 H37
N15 S C63 H95
N16 C52 H88
N16 C60 H100
N16 S2 C81 H96
N18 C59 H106
N21 S C77 H109
NA8 TH C8
NB3 P5
P5 TA3
S C33 H42
SI10 TI C20 H44
TE C28 H20
V3 C28 H32

O21

C33 H40
C36 H44
C37 H46
C38 H48
C47 H64
C53 H52
C58 H96
C88 H66
AL FE SI12 C72 H60
CU FE4 N9 C6 H30
CO2 FE4 N12 C6 H36
FE4 N18 C12 H36
K2 V8
N C26 H45
N C49 H71
N2 C38 H48
N2 C38 H68
N2 C40 H48
N2 C40 H54
N2 C40 H72
N3 P2 C23 H37

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O21
CONTINUED

N4 U2 C9 H30
N6 C42 H48
N6 C47 H68
N7 C37 H61
N9 P3 C41 H60
N9 P3 C55 H48
N12 C12 H12
N12 C51 H78
NA4 U2 C5 H12
P SI6 C21 H49
S2 C38 H46
S5 C47 H52
SI20 SN C42 H126
Y C18 H21

O22

C33 H40
C34 H28
C35 H30
C39 H42
C46 H52
C47 H54
C51 H82
C52 H82
C63 H106
C64 H106
C119 H102
AS2 N4 S4 C32 H24
BA6 FE2 C5 H36
CE2 S7 C196 H302
CL2 CU C20 H48
CL4 N6 U C18 H42
CL4 N6 U C24 H54
CR2 H26 N2 S3
CR4 H62 N20 S5
F2 MG6 NA2 SI8
H10 IR2 K5 N11 S2
H48 IR2 N24 PT3 S2
HF4 C18 H28
MO7 NA2
N2 C65 H120
N3 C40 H51
N3 C40 H53
N3 C41 H53
N3 P2 C23 H37
N4 C42 H56
N4 C58 H46
N5 C43 H31
N25 S C89 H133
NA4 SI8 ZR2
S3 C43 H50

O23

C27 H44
C41 H44
CA8 P6
N2 C40 H68
N2 C68 H126
N2 SI20 TI C158 H172
N18 C59 H94
N20 C65 H100
N22 S4 C96 H142
N22 S4 C97 H144
N29 S C95 H145
NA10 TH C9

O24

C42 H38
AL6 SI18 C64 H172
AL8 N8 C80 H200
BA C24 H38
BR2 CA3 N4 P4 C18 H20
CA3 CL2 N4 P4 C18 H20
CA3 I2 N4 P4 C18 H20
CA3 N4 P4 C32 H34
CA3 N6 P4 C18 H24
CA8 H2 P6
CA9 P6
CD CL2 C20 H52
CL2 MG C20 H52
CL2 ZN C20 H52
CL4 N8 U C24 H56
CO4 N18 C78 H48
CR2 H6 P6 U3
CR4 H60 N18 S5
CR4 I6 N12 C12 H54
FE4 H15 I3
FE7 N16 C24 H32
K8 MN W6
N6 ND4 C30 H36
N6 PR2 Y2 C30 H36
N6 PR4 C30 H36
N6 V3 C42 H54
N6 Y4 C30 H36
N7 C53 H77
N9 P3 C15 H24
N16 S5 C91 H130
N17 S2 C58 H95
N19 S2 C57 H95
N21 C77 H131
N21 S C74 H115
N22 C85 H120
N27 S C94 H137
N37 S C111 H175
P SI21 C43 H131
S3 ZR3 C90 H66
S5 C53 H58
SI20 TI C40 H124
TH C48 H80
V3 C30 H30
V3 C33 H36

O25

C39 H50
C54 H78
N3 P3 C23 H38
N6 P3 C36 H47
N7 C100 H107
N10 P2 C43 H70

O25 CONTINUED

N10 SI10 C90 H150
N21 S C72 H113
N36 S C111 H174

O26

C42 H32
C48 H32
C55 H78
B12 C66 H76
BE8 C91 H68
BE8 C92 H70
BE8 C93 H72
N3 G67 H121
N3 P2 C29 H47
N10 SI12 C88 H148
N16 S5 C99 H136
N16 S5 C100 H138
N17 C70 H109
N25 C75 H123
SI19 C54 H140
TH2 C18 H26

O27

C32 H52
C40 H54
N12 SI10 C98 H154
N18 SI14 C118 H212
TH C54 H90

O28

C42 H58
C54 H42
C60 H84
AL4 H24 P2 V2
AL6 H6 NA8 SI6
CL4 N8 P4 S4 TH2 C44 H24
H5 IR2 K5 N8 S4
H8 M09 N2
MN2 N14 C14 H14
MN2 N14 C28 H42
N4 C48 H66
N26 U2 C18 H56
N37 S C116 H177
P SI9 C20 H45
P2 SI7 C20 H50
TH3 C24 H20

O29

C61 H84
BR2 SI30 C62 H184
N2 C37 H62
N26 S C96 H136

O30

C48 H36
C64 H68
CR5 P8 C131 H129
H3 K3 N10 U
N S C52 H7
N9 C65 H95
N10 SI15 C100 H180
N10 SI16 C96 H172
N12 C18 H24
N22 C89 H150
N29 S C99 H143
N39 S C131 H203
Y4 C18 H30

O31

C36 H62
N2 C83 H138
N18 SI18 C126 H236
N24 S2 C96 H144

O32

C48 H64
C120 H90
AL4 H32 P2 V2
CA2 H16 V9
CD5 K6 S8
CL2 C53 H82
CL2 C54 H84
H4 M010
N6 P2 C53 H52
N12 SI15 C108 H184
N41 S C135 H205

O33

C124 H66
CL2 C55 H86
CL2 C56 H88
N11 PR2 RB5
N41 S C137 H207

O34

C55 H40
B64 N64 C200 H212
FE2 N12 S11 C82 H20

O35

N10 SI20 C110 H210

O35

N14 SI14 C133 H224
N18 SI22 C134 H260
N29 S6 C152 H193
N94 C164 H316

O36

BI16 FE9 N66 C54
MN2 N12 S6 C60 H48
N6 C60 H78
N8 S2 C96 H104
N11 C77 H113
N12 SI18 C162 H324
N18 SI36 C225 H432
N23 C90 H147
S12 C36 H74

O37

CO W12
W12 ZN

O38

K16 U2 C14 H2
SI W12

O39

BA6 CA6 MG C13
BA6 CA7 C13

O40

AL H5 W12
BA3 CU W12
CS4 MO12 ZR
CU H6 W12
H4 MN W12
H4 MO12 ZR
H16 MO12 N4 ZR
MO12 N4 TI C8 H32
MO12 N4 TI C20 H24
MO12 N4 TI C36 H32
MO12 N4 ZR C20 H24
MO12 N4 ZR C36 H32
MO12 N12 TI C4 H24
MO12 N12 ZR C4 H24
MO12 N16 TI C24 H52
MO12 N16 ZR C24 H52
N10 SI25 C120 H240
N16 SI16 C176 H256
N35 S C136 H219
P W12
SI36 TI C372 H220

O42

N12 SI24 C156 H264
P7 SI10 C8 H20

O43

MO12 N9 TI C39 H55
N SI43 C92 H263
N38 S C128 H206

O44

BR8 MO12 N4 TI C36 H24
BR8 MO12 N4 ZR C36 H24
CD10 K2 S11
MO12 N4 TI C36 H32
MO12 N4 ZR C36 H32
N22 SI55 C308 H616

O45

P SI42 C85 H257

O46

B SI44 C92 H273

O48

N24 SI24 C228 H384

O50

N34 S3 C108 H170

O51

BR2 SI52 C106 H316
CL C204 H103
N17 PR4 RB5
N35 S3 C117 H179
SI50 C100 H302

O52

H28 TE W12

O54

N18 S127 C216 H342
N18 SI27 C243 H378

O56

C105 H154
C126 H196
C147 H238
N28 SI42 C308 H560
SI52 TI C104 H316

O57

C256 H186
N17 C100 H167

O59

BR2 SI60 C122 H364

O60

N21 P3 C30 H48

O63

N2 SI60 TI C138 H372

O64

N15 SI40 C224 H400
N48 S2 C194 H318

O65

SI60 TI C130 H378

O66

N22 PR5 R87

O68

N48 S2 C198 H322

O69

C256 H132

O70

N35 C140 H105
P5 C66 H115

O71

CL2 SI72 C144 H432

O72

TH C144 H240

O73

SI72 C144 H434

O74

AL SI 72 C148 H441

O75

B2 W24
FE2 W24

CS6 CU2 W24

O80

BA5 CR2 W24
CR2 H10 W24

O84

TH C168 H280

O100

AS8 H32 W24
N170 C510 H990

O105

N16 P8 C128 H234

O112

N56 SI48 C432 H728
N88 C624 H888

O135

N60 SI70 C490 H880

O146

N13 P12 C159 H283

O150

N75 C300 H225

O158

N14 P13 C172 H306

O170

N15 P14 C185 H329

O182

N16 P15 C198 H352

O184

N128 C468 H780

O194

N17 P16 C211 H375

O213

N143 C547 H917

O218

N131 C597 H897
N140 C544 H902

O240

N100 C440 H640

O296

N100 C516 H708

OS

BR O P3 C55 H46
BR6 N4 O2 C22 H26
BR6 N8 O4 C46 H50
BR6 N8 O4 C52 H62
BR6 N8 O4 C58 H58
CL6 N4 O2 C22 H26
CL6 N8 O4 C46 H50
CL6 N8 O4 C52 H62
CL6 N8 O4 C58 H58
F5 O
H2 K2 N2 O8
H6 I6 O2
I
I2
I3
K2 N4 O11
N2 CL6 C32 H72
N3 C17 H15
N3 S3 C27 H18
N6 C6 H4
N8 O4 S C32 H18
O C17 H16
O10 C12 H16
S32

Os3

O12 C12

OS10

S6 IR19

P

C2 H7
C3 H9
C4 H11
C5 H11
C6 H11
C8 H11
C8 H15
C9 H13
C9 H15
C9 H21
C10 H15
C10 H19
C10 H23
C11 H17
C11 H21
C12 H11
C12 H19
C12 H23
C13 H21
C14 H13
C14 H15
C14 H23
C14 H31
C15 H15
C15 H25
C16 H23
C16 H27
C16 H35
C18 H27
C18 H39
C19 H17
C20 H15
C20 H19
C20 H27
C21 H21
C22 H17
C23 H23
C23 H25
C24 H15
C24 H23
C24 H25
C25 H21
C30 H23
A2 C11 H14
AG C14 H20
AG CL2 O2 S2 C12 H8
AG GE C36 H30
AG I C18 H15
AG MO O6
AG N O6 C17 H15
AG N S2 C11 H15
AG O6 W
AL C16 H20
AL CL4 C27 H24
AL I2 C10 H26
AL I2 C18 H26
AL I2 C18 H38
AL O5 C9 H22
AL O5 C11 H26
AS C20 H18
AS C28 H40
AS BR C3 H9
AS N3 O7 C33 H27
AS N6 O14 C46 H36
AS N16 C86 H52
AU C6 H18
AU C7 H18
AU C8 H20
AU C9 H18
AU C12 H20
AU C14 H20
AU C19 H18
AU C20 H20
AU C21 H24
AU C24 H20
AU C26 H20
AU C27 H26
AU BR C3 H9
AU BR C18 H15
AU BR4 C4 H12
AU CL4 C4 H12
AU GE C21 H24
AU GE C36 H30
AU O3 C26 H20
B C18 H18
B CL N C8 H20
B CL2 C43 H36
B CL2 N2 O3 C15 H16
B CL3 N2 O2 C13 H11
B CL4 O C12 H10
B D3 O3 C5 H9
B F3 C18 H15
B F3 H2 O4 T
B F3 N C18 H16
B F3 O3 C5 H9
B F4 C16 H20
B F4 C27 H26
B F4 C28 H28
B F4 N C18 H17
B F4 N C28 H27
B F4 N C29 H29
B F4 N O2 C24 H25
B F4 N O2 C25 H27
B F4 N2 C33 H36
B F4 N2 C37 H30

P

B F4 N4 O4 C37 H28
B F4 O C28 H36
B F6 C13 H10
B I N2 C9 H25
B N C18 H19
B N C30 H25
B N C36 H31
B N2 C8 H22
B N2 C44 H40
B O C55 H46
B O3 C5 H12
B O3 C8 H18
B2 F2 N2 C33 H37
B2 F4 N4 NI O4 C20 H39
B2 F4 N4 NI O4 C26 H27
B2 N O4 C2 H6
B2 N O4 C3 H8
B2 N O4 C4 H10
B2 N2 O4 C1 H3
B2 N2 O4 C2 H5
B2 N2 O4 C3 H7
B2 N2 O4 C4 H9
B3 C18 H22
B3 O3 C5 H16
B4 F2 N C2 H14
B9 C12 H24
B9 C18 H28
B9 C19 H30
B9 BR C12 H23
B10 C12 H23
B10 C19 H33
B10 C5 C12 H22
B10 N C16 H34
B10 N C18 H38
B10 N C22 H40
B10 N2 O2 C18 H37
B10 S C15 H31
BA BR3 O4 C2 H2
BA CL3 O4 C2 H2
BA CL3 O4 C3 H4
BA F3 O4 C2 H2
BA N2 O9 C10 H13
BA N2 O9 C12 H15
BA N2 O10 C11 H15
BA N3 O8 C10 H14
BA N3 O8 C11 H16
BA N3 O9 C9 H12
BA N3 O9 C11 H16
BA N3 O11 C18 H24
BA O4 C2 H5
BA O6 S C4 H5
BA O6 S C4 H7
BA O7 C5 H9
BA O7 C5 H11
BA O8 C5 H9
BE O4 C17 H17
BR C12 H18
BR C13 H20
BR C14 H22
BR C15 H24
BR C16 H26
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N2 O18 C17 H26
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N2 S2 C14 H16
N2 S2 C26 H24
N2 SI C48 H40
N3 O RE S3 C23 H30
N3 O RE S3 C39 H30
N3 O2 C17 H13
N3 O6 C15 H35
N3 O11 C9 H15
N3 O12 C9 H15
N3 O15 C16 H27
N3 O16 C15 H25
N3 O16 C18 H29
N3 O21 C23 H37
N3 O22 C23 H37
N3 O26 C29 H47
N4 C14 H28
N4 C24 H22
N4 NI O2 C14 H18
N4 NI O2 C16 H20
N4 O2 C11 H22
N4 O2 C14 H20
N4 O2 S2 C4 H16
N4 O2 S2 C8 H24
N4 O3 C44 H30
N4 O4 C14 H20
N4 O4 C38 H30
N4 O4 S4 C20 H52
N4 O6 S2 C6 H14
N4 O6 S2 C10 H22
N4 O6 S4 C31 H70
N4 O8 S C14 H22
N4 O9 C6 H16
N4 O9 S C14 H22
N4 O9 S C19 H24
N4 O9 S C20 H26
N4 O10 S C10 H14
N4 O10 S2 C39 H70
N4 O11 C10 H14
N4 O14 C21 H28
N4 O15 C24 H16
N4 O16 C20 H26
N4 O16 S2 C18 H24
N4 O17 C18 H22
N4 O17 C24 H32
N4 O17 S2 V C22 H30
N4 O18 C36 H40
N4 O19 C38 H42
N5 O10 C10 H15
N5 O13 S C10 H15
N5 O15 C20 H27
N5 O17 C17 H27
N6 NI C32 H64
N6 NI O6 C26 H52
N6 O2 C12 H26
N6 O4 C16 H22
N6 O6 PD2 C48 H36
N6 O8 C7 H18
N6 O8 C8 H20
N6 O10 C32 H34
N6 O14 C24 H34
N6 O14 C30 H26
N6 O14 C36 H30
N6 O14 C38 H28
N6 O14 C42 H36
N6 O14 C50 H36
N6 O14 S C21 H26
N6 O32 C53 H52
N6 S2 C8 H26
N7 O13 C21 H27
N7 O15 C19 H25
N7 O15 C21 H27
N9 O14 C20 H25
N9 O15 C27 H33
N10 O13 C20 H26
N10 O14 PD2 C60 H40
N10 O25 C43 H70
NA O6 C9 H21
NI C14 H34
NI C38 H34
NI C38 H70
NI C44 H38
NI C45 H40
NI C46 H42
NI C50 H40
NI C50 H42
NI O2 C12 H24
NI O2 C18 H38
NI O2 C22 H30
NI O2 C30 H30
NI O2 S4 C6 H16
NI O2 S4 C12 H20
NI O2 S4 C14 H16
NI O2 S4 C16 H32
NI O6 C74 H58
NI O12 C44 H46
NI S4 C14 H16
NI S4 C16 H20
NI S4 C18 H24
NI S4 C20 H28
NI2 O6 C16 H24
O C24 H18
O S2 C8 H20
O S2 C12 H28
O S2 C24 H20
O S4 S12 C30 H36
O2 C16 H18
O2 C18 H40
O2 C24 H18
O2 C26 H24
O2 C27 H26
O2 C29 H30
O2 C30 H32
O2 C32 H28
O2 C52 H40

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P2

O2 S2 C52 H60
O2 S4 C4 H12
O2 SI C16 H38
O3 C26 H20
O4 C2 H4
O4 C4 H12
O4 C5 H14
O4 C6 H16
O4 C8 H12
O4 C8 H20
O4 C10 H24
O4 C12 H28
O4 C13 H30
O4 C14 H16
O4 C14 H32
O4 C16 H32
O4 C16 H36
O4 C18 H24
O4 C18 H30
O4 C18 H36
O4 C18 H40
O4 C20 H28
O4 C20 H44
O4 C22 H48
O4 C24 H36
O4 C52 H60
O4 S C8 H20
O4 S2 C8 H20
O4 S2 C12 H28
O4 S2 C16 H36
O4 S2 C18 H36
O4 S3 C8 H20
O4 S3 C12 H28
O4 S3 C16 H36
O4 S4 C8 H20
O4 S4 SE C8 H20
O4 S4 ZN C12 H28
O4 S5 C8 H20
O4 W C16 H30
O4 W C30 H24
O4 ZN C14 H16
O4 ZN C24 H20
O5 C2 H6
O5 C10 H24
O5 S C8 H20
O5 S2 C10 H24
O5 S4 S12 C14 H36
O5 S4 S12 C22 H52
O5 ZR C12 H28
O6 C2 H8
O6 C3 H7
O6 C3 H10
O6 C4 H12
O6 C5 H14
O6 C6 H16
O6 C7 H18
O6 C8 H20
O6 C9 H22
O6 C10 H24
O6 C11 H26
O6 C12 H28
O6 C13 H30
O6 C14 H12
O6 C14 H24
O6 C14 H32
O6 C15 H14
O6 C16 H34
O6 C16 H36
O6 C17 H36
O6 C18 H12
O6 C18 H32
O6 C18 H36
O6 C18 H40
O6 C20 H42
O6 C21 H44
O6 C22 H40
O6 C23 H34
O6 C24 H16
O6 C26 H28
O6 C26 H28
O6 C27 H16
O6 C31 H30
O6 C35 H38
O6 S C8 H20
O6 S C10 H24
O6 S C24 H16
O6 S2 C15 H14
O6 S2 C18 H12
O6 S4 C12 H22
O6 S4 C16 H30
O6 S4 C20 H38
O6 U C12 H28
O7 C4 H12
O7 C8 H20
O7 C10 H20
O7 C10 H24
O7 C12 H12
O7 C15 H26
O7 C15 H28
O7 C16 H16
O7 S12 C14 H36
O8 C12 H26
O8 C18 H20
O8 C18 H40
O8 C20 H44
O8 S C20 H44
O8 S13 C16 H38
O8 T C11 H11
O8 T3 C11 H9
O9 C20 H44
O9 C28 H28
O9 C28 H52
O9 C28 H60
O9 C36 H76
O10 PB3 C6 H8
O10 PB3 C10 H16
O11 C24 H52
O28 S17 C20 H50
PT C48 H38
PT C50 H42
S C4 H12
S C6 H16
S C8 H20
S C14 H16
S2 C4 H12
S2 C8 H20
S2 C12 H20
S2 C12 H28
S2 C16 H18
S2 C16 H20
S2 C16 H36
S2 C20 H44

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P2 CONTINUED

P2
CONTINUED

```
S2 C24 H20
S2 C24 H44
S2 C28 H28
S3 C8 H20
S3 C10 H24
S3 C12 H28
S4 C2 H6
S4 C4 H10
S4 C6 H14
S4 C8 H18
S4 C12 H10
S4 C12 H22
S4 C16 H36
S4 C24 H20
SI C10 H26
SI C14 H34
SI C16 H38
SI C32 H38
ZN C24 H20
```

P3

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C17 H39
C34 H33
C41 H39
AG GE C72 H60
AG I C54 H45
AL CR H3 O9
B3 C6 H24
B3 N3 O12 C6 H21
B3 N3 O12 C9 H27
B3 N3 O12 C12 H33
B3 N3 O12 C15 H39
B3 N3 O12 C18 H45
B3 N3 O12 C21 H51
B3 N3 O12 C24 H57
BR O OS C55 H46
BR2 CL N3 C18 H15
BR2 CU2 C54 H45
BR2 PD C36 H33
BR6 MO O3 C6 H9
BR6 N3
BR7 HG2 C66 H72
CA NA O9
CA2 N3 O15 C8 H10
CE CR H3 O9
CE O6 C18 H42
CL IR O4 C54 H47
CL N3 O6 S C2 H11
CL N8 C20 H40
CL N8 O5 C20 H40
CL SI C12 H30
CL2 N3 S4 C12 H28
CL2 N3 S4 C24 H44
CL2 N5 C16 H22
CL2 N7 C16 H32
CL2 N7 O4 C16 H32
CL2 PD C26 H33
CL3 N3 C6 H15
CL3 N3 S3 C6 H15
CL3 N6 C12 H24
CL3 N6 O3 C12 H24
CL3 RE C30 H45
CL3 RE C36 H39
CL4 N3 S2 C4 H10
CL4 N3 S2 C6 H14
CL4 N3 S2 C8 H18
CL4 N3 S2 C12 H10
CL4 N5 C8 H16
CL4 N5 O2 C8 H16
CL5 N4 C4 H8
CL5 N4 U C4 H8
CL6 MO O6 C9 H15
CL7 N2 U
CL9 MO O3 C3
CL12 F30 N3 O6 C18
CL12 F42 N3 O6 C24
CR FE H3 O9
CR H3 O9 TL
CR H6 O9
CR O3 C21 H45
CR2 H3 O9
CU C17 H32
CU GE C72 H60
CU NA O9
CU2 C38 H55
F LI4 N2 O14 C9 H10
F LI4 N2 O15 C9 H10
F N2 O14 C9 H14
F N2 O15 C9 H14
F N3 C30 H25
F2 N3 C24 H20
F3 N3 C18 H15
F4 N3 C12 H10
F5 N3 C4 H9
F5 N3 C6 H5
F5 N3 C7 H7
F9 PT C54 H36
F12 N3 O6 C12 H12
F18 N3 C6
F18 N3 O6 C12 H12
F18 N3 O6 C15 H12
F30 N3 O6 C18 H12
F42 N3 C18
F42 N3 O6 C24 H12
F72 N3 O6 C42 H18
FE O6 C18 H42
FE O6 S6 C18 H42
FE2 H3 O12
F120 N3 O6 C66 H18
H NA4 O10
H O11 U
I3 C23 H54
I3 C37 H42
I3 C44 H48
IR C54 H48
K MN C36 H30
LA O6 C18 H42
LI MN C36 H66
LI NA2 O9
LI2 NA O9
MO O3 C12 H27
MO O3 C21 H45
MO O3 C57 H45
MO O12 C12 H27
MO O12 C21 H45
MO O12 C57 H45
N2 O15 C9 H15
N3 O15 C8 H14
```


P3

```
N3 O25 C23 H38
N3 S6 C12 H30
N3 S6 C18 H42
N3 S6 C24 H54
N3 S6 C36 H30
N3 S6 C36 H66
N3 S6 C42 H42
N4 O13 S C10 H15
N5 O13 C10 H16
N6 C27 H39
N6 C30 H45
N6 O13 C9 H15
N6 O13 C10 H17
N6 O25 C36 H47
N7 C20 H34
N7 O18 C39 H70
N7 O18 S C23 H38
N7 O18 T2 C39 H68
N7 O19 S C23 H36
N9 C24 H48
N9 O6 C24 H48
N9 O21 C41 H60
N9 O21 C55 H48
N9 O24 C15 H24
N21 O60 C30 H48
NA O9 ZN
O3 W C21 H45
O6 RU S6 C12 H30
O7 S6 ZN2 C18 H43
O7 S6 ZN2 C24 H55
O12 Y C48 H72
PD C54 H45
```

P4

```
AG CL O16 C20 H36
AG N O15 C20 H36
B2 CO N12 O4 C72 H112
BA NA2 O12
BR2 CA3 N4 O24 C18 H20
BR2 PD C28 H48
BR2 PD C50 H44
BR2 PD C52 H48
BR2 PD2 C48 H42
BR4 O8 C64 H128
BR8 N4
CA NA2 O12
CA3 CL2 N4 O24 C18 H20
CA3 I2 N4 O24 C18 H20
CA3 N4 O24 C32 H34
CA3 N6 O24 C18 H24
CL CU O16 C20 H36
CL2 CO N12 O12 C24 H72
CL2 N12 NI O12 C24 H72
CL2 N12 O12 ZN C24 H72
CL2 O13 V C72 H60
CL2 PD2 C20 H50
CL2 PD2 C32 H42
CL2 PD2 C36 H50
CL2 PD2 C40 H42
CL2 PD2 C48 H42
CL2 RE C52 H48
CL3 O12 RH C20 H36
CL3 RE C52 H48
CL4 N4 S4 C8 H20
CL4 N4 S4 C12 H28
CL4 N4 S4 C16 H36
CL4 N4 S4 C24 H20
CL4 N8 O28 S4 TH2 C44 H24
CL5 N4 S3 C12 H27
CLB MO O6 C10 H20
CL12 MO O2 C2
CL14 N2
CL16 F56 N4 O8 C32
CL24 F160 N4 O8 C88
CO C12 H32
CO2 C48 H40
CR O2 C54 H48
CU H NA5 O14
CU H2 NA4 O14
CU H3 NA3 O14
CU H5 NA O14
CU N O15 C20 H36
CU NA2 O12
CU2 C48 H40
F24 N4 C8
F24 N4 O8 C16 H16
F40 N4 O8 C24 H16
F56 N4 O8 C32 H16
F96 N4 O8 C56 H24
FE C12 H32
FE I2 C12 H32
F160 N4 O8 C88 H24
I2 PD2 C32 H42
I2 PD2 C48 H42
K2 MN C48 H40
LA O16 C64 H97
MO O2 C54 H48
MU O14 C14 H36
N2 NI O6 C28 H48
N2 NI O6 C52 H48
N2 O6 PD C20 H48
N2 PD2 S2 C50 H42
N4 O8 S8 C58 H132
N4 O12 V3 C84 H64
NA2 O12 PB
NA2 O12 ZN
NI C12 H32
NI C24 H60
NI2 C48 H40
O2 W C54 H48
O8 S8 SE C16 H40
O8 SN C24 H56
O8 TH C24 H56
O12 V3 C88 H68
O16 SI3
O16 Y C64 H97
PD C12 H32
PD C40 H48
PD C44 H48
PD C48 H42
PD C50 H44
PU C52 H48
PD C72 H60
SI C16 H40
SI C24 H56
SI C56 H56
```


P5

```
NB3 O20
O20 TA3
O70 C66 H115
PD C55 H63
```

P6

```
B2 PD2 C124 H108
BA NA4 O18
BA3 CR2 H6 O18
CA NA4 O18
CA3 CR2 H6 O18
CA8 H2 O24
CA8 O23
CA9 O24
CD3 CR2 H6 O18
CL2 O8 PD2 C76 H68
CL2 PD2 C76 H68
CL6 HG2 PD2 C76 H68
CO3 CR2 H6 O18
CR C18 H48
CR2 CU3 H6 O18
CR2 FE3 H6 O18
CR2 H6 HG3 O18
CR2 H6 HG6 O18
CR2 H6 MG3 O18
CR2 H6 MN3 O18
CR2 H6 N13 O18
CR2 H6 O18 PB3
CR2 H6 O18 SN3
CR2 H6 O18 SR3
CR2 H6 O18 ZN3
CR2 H6 O24 U3
CR2 O6 C84 H72
CU NA4 O18
FE NA3 O18
I2 PD2 C76 H68
MO C18 H48
MO2 O6 C84 H72
N2 O6 PD2 C76 H68
N6 O14 PD2 C88 H72
NA4 O18 PB
NA4 O18 ZN
NI C82 H78
NI2 C72 H134
O6 W2 C84 H72
PD C82 H78
V C18 H48
W C18 H48
```

P7

```
O42 SI10 C8 H20
```

P8

```
CR5 O30 C131 H129
N16 O105 C128 H234
```

P12

```
N13 O146 C159 H283
```

P13

```
N14 O158 C172 H306
```

P14

```
N15 O170 C185 H329
```

P15

```
N16 O182 C198 H352
```

P16

```
N17 O194 C211 H375
```

PA

```
H O6 S
H3 O13 S3
```

PB

```
C6 H16
C10 H18
C11 H20
C17 H20
C24 H20
AS CL O2 C14 H16
AS CL O3 C13 H14
AS CL O3 C16 H18
AS O2 C20 H21
AS O3 C13 H13
AS2 N2 O6 C34 H32
AS2 N2 O10 C24 H20
AS2 O6 C18 H22
AS2 O6 C24 H22
AS2 O6 C26 H26
B2 C72 H52
CL C6 H15
CL2 C2 H6
CL2 O12 C8 H16
CL4 O4 P2 S4 C24 H16
CL6 N2 C6 H20
```


P8

```
CL6 N2 C12 H32
CL6 P2 C8 H24
CO2 O10 C10
LA2 S4
MN O5 C4 H9
MN O5 C11 H15
MN O5 C23 H15
MN2 O10 C12 H6
MN2 O10 C14 H10
N O2 C13 H9
N O3 C29 H25
N2 O2 C12 H6
N2 O4 C4 H6
N2 P2 S4 C22 H30
N4 O4 S2 C20 H18
N4 O4 S2 C32 H26
N4 O4 S2 C34 H30
N4 O6 S3 C30 H20
N6 O6 C24 H12
N8 C12
N8 C24 H8
N10 O6 C10 H4
NA2 O12 P4
NA4 O18 P6
O S2 C5 H10
O S2 C6 H12
O S2 C7 H14
O S2 C8 H16
O S2 C9 H18
O S2 C10 H20
O S2 C11 H22
O2 C22 H20
O2 C22 H22
O2 S2 C9 H10
O2 S4 C6 H10
O3 C14 H14
O3 SE
O4 C4 H2
O4 C14 H6
O4 C16 H10
O4 C16 H16
O4 C20 H20
O4 C20 H24
O4 C30 H22
O8 C14 H18
O9 TI C4
S SN C36 H30
```

PB2

```
AS CL2 O3 C25 H23
AS2 CL2 O5 C26 H26
AS2 N12 O16 C36 H26
D C36 H30
O5 C28 H26
O5 C32 H34
O7 U2
```

PB3

```
CR2 H6 O18 P6
O4 S4 C6 H2
O5 SE
O8 S6 C10 H18
O10 P2 C6 H8
O10 P2 C10 H16
```

PB4

```
O S6 C3 H5
```

PB5

```
O7 SE
O15 U4
```

PD

```
C12 H16
AS BR2 S C6 H15
AS CL2 S C6 H15
AS I2 S C6 H15
AS2 BR2 C26 H24
AS2 BR2 C26 H26
AS2 CL2 C26 H24
AS2 I2 C26 H32
AS2 P2 C24 H40
AS2 P2 C28 H48
AS3 CL I O4 C42 H33
AS3 I2 C42 H33
AS4 C20 H32
AS4 B CL C78 H62
AS4 B I C78 H62
AS4 BR2 C54 H42
AS4 CL N O4 S C55 H42
AS4 CL2 C54 H42
AS4 CL2 O4 C54 H42
AS4 CL2 O8 C52 H48
AS4 I2 C52 H48
AS4 I2 C54 H42
AS4 N2 S2 C56 H42
AU
B2 N4 O4 C20 H40
B2 N4 O4 C32 H32
BA N2 C6 H2
BA N2 C8 H6
BA N2 C18 H10
BR2 N2 C6 H8
BR2 N2 C10 H14
BR2 P2 C24 H18
BR2 P2 C24 H22
BR2 P2 C25 H22
BR2 P3 C36 H33
BR2 P4 C28 H48
BR2 P4 C50 H44
BR2 P4 C52 H48
BR3 N S C12 H30
CL C40 H40
CL N O C12 H16
CL N2 O3 C24 H23
```


Pd
CONTINUED

```
CL N4 O4 P C30 H28
CL O P C24 H24
CL2 C8 H8
CL2 N2 C4 H10
CL2 N2 C6 H8
CL2 N2 S4 C6 H12
CL2 N4 N12 S4 C8 H24
CL2 N4 O2 C4 H12
CL2 N4 O2 C8 H20
CL2 N4 O2 C16 H36
CL2 N4 O8 C4 H16
CL2 N4 O8 C12 H16
CL2 O6 P2 C10 H18
CL2 P2 C14 H24
CL2 P3 C26 H33
CL4 N2 SE2 C24 H16
CL6 H12 N4 PT
F7 N2 C14 H11
F14 N2 C16 H8
I C40 H40
I N2 C11 H11
I2 N2 C10 H10
I2 N2 C12 H14
I2 P2 C24 H22
I2 S2 C8 H20
K2 C4 H2
K2 C6 H6
K2 C16 H10
K2 N4 O12
MG
MG3
MG4
MG6
N S C41 H40
N2 C8 H14
N2 C14 H22
N2 O2 C24 H20
N2 O4 C4 H6
N2 O6 P4 C20 H48
N2 S2 C4 H12
N4 C2 H6
N4 C4 H8
N4 O4 C6 H8
N4 O4 C32 H32
N6 C20 H16
N8 C32 H18
N8 O6 C12 H14
O C14 H22
P3 C54 H45
P4 C12 H32
P4 C40 H48
P4 C44 H48
P4 C48 H42
P4 C50 H44
P4 C52 H48
P4 C72 H60
P5 C55 H63
P6 C82 H78
```

PD2

```
B2 N4 P2 C96 H76
B2 P6 C124 H108
BR2 P4 C48 H42
BR4 N4 C12 H16
CL2 C6 H10
CL2 C12 H18
CL2 C14 H22
CL2 C40 H40
CL2 N4 NI S4 C8 H24
CL2 N4 O8 P2 C48 H36
CL2 N4 P2 C48 H36
CL2 N8 O8 C24 H26
CL2 O2 C10 H18
CL2 O2 C12 H18
CL2 O2 C60 H50
CL2 O8 P6 C76 H68
CL2 P4 C20 H50
CL2 P4 C32 H42
CL2 P4 C36 H50
CL2 P4 C40 H42
CL2 P4 C48 H42
CL2 P6 C76 H68
CL4 C8 H12
CL4 C56 H40
CL4 N4 C12 H16
CL6 H12 N4
CL6 HG2 P6 C76 H68
CL FE
I2 P4 C32 H42
I2 P4 C48 H42
I2 P6 C76 H68
N2 O6 P6 C76 H68
N2 P4 S2 C50 H42
N6 O6 P2 C48 H36
N6 O14 P6 C88 H72
N8 O8 C12 H16
N10 O14 P2 C60 H40
```

PD3

```
CL2 N4 S4 C8 H24
MG2
```

PR

```
AG3 N6 C6
AS O3
CL3
CR N9 O6 S6 C24 H15
H3 O3
N3 O9
O2
O3 C12 H27
```

PR2

```
N2 O10 C10 H14
N6 O24 Y2 C30 H36
NI1 O33 RB5
O2 TE
O5 TE
```


PR2

```
O6 TE
S3
```

PR4

```
GA2 O9
N6 O24 C30 H36
N17 O51 RB5
```

PR5

```
N22 O66 RB7
```

PT

```
AG N3 O6 C6 H11
AG N5 O3 C2 H6
AG2 CL4 N4 C4 H16
AG2 N4 C4
AG2 N4 O8 C12 H24
AG2 N4 O8 C20 H40
AS I2 S C6 H15
AS2 BR2 C26 H26
AS2 I2 C26 H26
BR O3 O P2 C15 H30
BR O3 P2 C14 H30
BR N3 C1 H6
BR N8 O9 C2 H17
BR N8 O9 C4 H19
BR2 CL2 F6 P2 C26 H20
BR2 CL2 F12 P2 C16 H10
BR2 N2 C4 H6
BR2 N2 C6 H8
BR2 N2 C6 H10
BR2 N2 C8 H14
BR2 N2 C10 H18
BR2 N2 C14 H10
BR2 N2 O2 C4 H12
BR2 N2 S4 C6 H12
BR2 N3 C4 H13
BR2 N4 C2 H6
BR2 N4 O2 C4 H13
BR2 N4 S4 C16 H22
BR2 N4 S8 C12 H24
BR3 N S C12 H30
BR3 N2 C8 H23
BR3 N2 C10 H27
BR3 N2 C13 H25
BR3 N2 C13 H31
BR3 N2 O2 C4 H13
BR4 N2 O2 C4 H12
CL D3 P2 C7 H18
CL H13 N6 U7
CL K O4 C10 H14
CL N3 C1 H6
CL N3 O2 C1 H6
CL N4 O2 C5 H17
CL N5 O4 C4 H14
CL N5 O4 C5 H16
CL N6 O7 C4 H17
CL N7 O10 C4 H18
CL N8 O9 C2 H17
CL N8 O9 C4 H19
CL2 C6 H10
CL2 F6 I2 P2 C26 H20
CL2 F6 P2 C26 H20
CL2 F12 I2 P2 C16 H10
CL2 F12 P2 C16 H10
CL2 H9 N3
CL2 H12 N6 O6
CL2 N C11 H17
CL2 N C17 H27
CL2 N O C7 H9
CL2 N O C13 H13
CL2 N O2 C14 H15
CL2 N O2 C20 H19
CL2 N O2 S C5 H11
CL2 N2 C4 H6
CL2 N2 C4 H10
CL2 N2 C6 H8
CL2 N2 C6 H10
CL2 N2 C7 H12
CL2 N2 C8 H14
CL2 N2 C10 H18
CL2 N2 C14 H10
CL2 N2 O C7 H12
CL2 N2 O C8 H14
CL2 N2 O2 C4 H14
CL2 N2 O3 C7 H8
CL2 N2 O3 C13 H12
CL2 N2 O4 C8 H22
CL2 N2 S4 C6 H12
CL2 N3 C7 H15
CL2 N3 O C7 H15
CL2 N3 O C8 H17
CL2 N3 O4 C13 H27
CL2 N4 C8 H20
CL2 N4 C10 H16
CL2 N4 C12 H20
CL2 N4 C14 H24
CL2 N4 NI2 S4 C8 H24
CL2 N4 O2 C6 H12
CL2 N4 O2 C10 H16
CL2 N4 O2 C14 H24
CL2 N4 O2 C16 H28
CL2 N4 O4 C4 H14
CL2 N4 O4 C8 H28
CL2 N4 O4 C18 H32
CL2 N4 O8 C8 H18
CL2 N4 O8 C12 H16
CL2 N4 O8 C20 H44
CL2 N4 S4 C16 H22
CL2 N5 O4 C2 H11
CL2 N6 O4 C12 H18
CL2 N6 O4 S2 C10 H26
CL2 N6 O4 S2 C12 H30
CL2 N6 O6 C4 H16
CL2 N6 S2 C2 H14
CL2 N6 S2 C8 H18
CL2 N6 S6 C8 H20
CL2 N8 S4 C4 H16
CL2 O C6 H10
CL2 O6 P2 C10 H18
CL3 D6 K C3
CL3 H6 N5 O4
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Pt
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CL3 N O C7 H8
CL3 N O C13 H12
CL3 N2 C6 H9
CL3 N3 C5 H10
CL3 N3 C6 H12
CL3 N4 O2 C5 H17
CL3 N4 O2 C7 H11
CL3 N4 O4 C8 H27
CL3 N5 O2 C7 H16
CL3 N5 O4 C2 H8
CL4 H9 N3
CL4 N2 C5 H8
CL4 N3 C5 H11
CL4 N3 C7 H11
CL4 N4 C8 H20
CL4 N4 C12 H18
CL4 N4 O2 C2 H8
CL4 N4 O2 C4 H20
CL4 N4 O2 C6 H10
CL4 N4 O2 C7 H12
CL4 N4 O4 C8 H28
CL4 N5 O2 C7 H13
CL4 N6 C8 H20
CL5 C5 N2 C5 H6
CL5 N2 C5 H7
CL5 N3 C5 H8
CL5 N5 C4 H20
CL6 C5 N2 C5 H5
CL6 FE2 O4 C20 H22
CL6 FE2 O4 C22 H26
CL6 H12 N4 PD
CL6 N2 C2 H12
CL6 N2 C5 H12
CL6 N3 O C26 H27
CL6 N4 C18 H26
CL6 N4 O C28 H32
CL6 N4 O C40 H40
CL6 N4 O2 C22 H30
CL6 N4 O2 C32 H34
CL6 N6 C8 H20
CL6 N6 O5 C28 H30
CL6 N8 O2 C12 H14
CL6 P2 C8 H18
D6 P2 C8 H18
F6 I2 P2 C36 H24
F6 O2
F6 XE
F9 P3 C54 H36
H2 K2 N4 O14
H7 N3 O3
H12 N8 O10
H12 N8 O11
I N5 O3 C3 H16
I N5 U3 C5 H18
I N7 O6 C2 H16
I N7 O6 C4 H18
I N8 O9 C2 H17
I N8 U9 C4 H19
I2 N2 C12 H14
I2 N2 O4 C8 H22
I2 S2 C8 H20
I3 N S C12 H30
I3 N2 C8 H23
I3 N2 C10 H27
I3 N2 C13 H25
I3 N2 C13 H31
I3 N2 C14 H27
K O6 C15 H21
K2 C4 H2
K2 C6 H6
K2 C8 H4
K2 C12 H12
K2 C16 H10
K2 C32 H20
K2 N4 O8 C12 H24
K2 N6 O12
N2 O2 C4 H12
N2 O2 S2 C24 H20
N2 O4 C8 H16
N2 O4 C8 H20
N2 O4 C10 H20
N2 O4 P2 C50 H40
N2 S2 C18 H12
N2 S4 C6 H12
N2 S4 C6 H14
N3 O C2 H5
N4 C2 H6
N4 O2 C1 H6
N4 O2 C2 H8
N4 O4 C6 H8
N4 O4 C8 H22
N4 O4 S4 C6 H12
N4 O4 S4 C48 H40
N4 O6 C4 H16
N4 O8 C8 H16
N4 O8 C12 H26
N4 O8 C20 H42
N4 S2 C8 H8
N5 C2 H9
N6 O4 S2 C10 H24
N6 O8 C14 H24
N6 O8 C16 H28
N6 O8 S2 C2 H20
N6 O8 S2 C4 H22
N6 O14 C20 H44
N8 C32 H18
N8 O8 S C8 H26
N12 O2 RE2 S8 C8 H12
P2 C48 H38
P2 C50 H42
S3 TL
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PT2

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AS2 BR4 S2 C12 H30
AS2 BR6 S2 C12 H30
AS2 CL4 S2 C12 H30
AS2 CL6 S2 C12 H30
BR2 N10 O9 C7 H34
BR2 N10 O9 C11 H38
BR2 N10 O12 S3 C4 H34
BR2 N10 O12 S3 C8 H38
BR4 N4 C12 H16
BR6 H12 N4
CL N6 C3 H9
CL N7 C3 H12
CL2 N10 O9 C7 H34
CL2 N10 O9 C11 H38
CL2 N10 O12 S3 C4 H34
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Pt2
CONTINUED

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CL2 N10 O12 S3 C8 H38
CL3 H15 N4 O3
CL4 N2 C26 H38
CL4 N4 C4 H16
CL4 N4 C8 H20
CL4 N4 C10 H16
CL4 N4 C12 H16
CL4 N4 O4 C8 H28
CL4 N4 O8 C20 H44
CL4 N4 S4 C16 H22
CL4 N4 S8 C12 H24
CL4 N6 C4 H18
CL4 N6 C8 H26
CL4 N6 S6 C8 H20
CL8 N4 C8 H20
H24 IR N13 O13 S
H25 IR N12 O14 S2
I2 N10 O9 C7 H34
I2 N10 O9 C11 H38
I2 N10 O12 S3 C4 H34
I2 N10 O12 S3 C8 H38
N8 C4 H12
N8 O8 C12 H16

    PT3

H48 IR2 N24 O22 S2
N20 O4 RE2 S8 C8 H36

    PU

CL6 NA2
CL6 RB2
N2 O8 C12 H8
N4 O12 C24 H16

    RB

B C36 H26
BE2 F C8 H20
BE2 F5
CL4 MO O
F6 U
MO O6 P
N3 O S3 ZR C3
N4 O3 C6 H7
N5 O6 C18 H12
N5 O10 SR2
O3 TA

    RB2

B11 H13
BR6 MO
CA3 O16 S4
CL5 H2 O TI
CL5 N O RU
CL6 MO
CL6 PU
CO F4
CU F4
F6 SN
L12 O8 S2
MN N2 O8 C10 H12
N6 O18 U
O6 U2
O16 V6

    RB3

BR9 MO2

    RB5

N11 O33 PR2
N17 O51 PR4

    RB7

N22 O66 PR5

    RB12

    RE

C12 H13
AS2 CL3 O C20 H30
AS3 BR2 C42 H33
AS3 BR3 O C42 H33
AS3 CL2 C42 H33
AS3 CL3 O C42 H33
AS3 I2 C42 H33
AS4 BR2 C54 H42
AS4 CL2 C54 H42
AS4 CL3 O C54 H42
BR2 O2 P2 C38 H35
BR3
BR3 O P2 C36 H30
BR4 O
BR5
CL N8 O2 S4 C52 H48
CL2 O2 P2 C21 H33
CL2 O2 P2 C22 H35
CL2 O2 P2 C27 H37
CL2 O2 P2 C30 H35
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RE
CONTINUED

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CL2 O2 P2 C37 H33
CL2 O2 P2 C38 H35
CL2 O2 P2 C42 H37
CL2 O3 P2 C27 H45
CL2 P2 C36 H30
CL2 P4 C52 H48
CL3 N P2 C26 H35
CL3 O P2 C10 H24
CL3 O P2 C12 H30
CL3 O P2 C18 H42
CL3 O P2 C20 H30
CL3 O P2 C26 H24
CL3 O P2 C36 H30
CL3 P C10 H15
CL3 P C18 H15
CL3 P3 C30 H45
CL3 P3 C36 H39
CL3 P4 C52 H48
CL4 N C5 H7
CL4 N2 C10 H10
CL4 O
CL6
CL8 O2 P2 C7 H15
CL9 O P2 C6 H12
I2
I2 O2 P2 C38 H35
I2 O2 P2 C39 H37
I2 O3 P2 C39 H37
I2 P2 C36 H30
I3 O P2 C20 H30
N3 O P2 S3 C23 H30
N3 O P2 S3 C39 H30
O S
S

    RE2

HF3
N12 O2 PT S8 C8 H12
N20 O4 PT3 S8 C8 H36
O2 S3
O3
S3

    RE4

N28 O8 S16 C16 H48

    RH

BI2
BR2 N5 O3 C4 H16
CL N6 O5 C4 H16
CL N6 S2 C6 H16
CL N7 O6 C4 H19
CL N10 C4 H16
CL O6 C15 H20
CL2 H12 N5 O3
CL2 N5 O3 C4 H16
CL2 N5 O3 C8 H24
CL2 O6 C15 H19
CL2 O7 C18 H25
CL3 H12 N4
CL3 N2 C6 H16
CL3 N4 C4 H16
CL3 N4 C6 H18
CL3 N4 C12 H32
CL3 O12 P4 C20 H36
CL4 N4 C6 H19
CL5 N4 C6 H20
F18 O6 C15 H3
I3 N4 C4 H16
N3 O12 C15 H18
N3 S3 C27 H18
N7 O7 C4 H16
N7 S3 C7 H16
O6 C30 H27
O7 C16 H21
O7 C17 H23
O7 C19 H27
O7 C22 H25
O8 C19 H25
O8 C29 H29

    RH2

CL2 C8 H16
CL2 C12 H24
CL8 N4 C6 H26
O4 C14 H10
TH

    RN

F

    RU

C12 H14
C24 H22
AS4 BR2 C54 H42
AS4 CL2 C54 H42
AS4 I2 C54 H42
AS4 N2 O6 C54 H42
AS4 N2 S2 C56 H42
B2 F8 C12 H12
BR O2 C7 H5
CL2 H13 N5 O2
CL2 N5 C24 H29
CL2 N5 O2 C20 H19
CL2 N5 O2 C24 H27
CL2 N6 O C9 H14
CL2 N6 O4 C20 H18
CL2 O8 C12 H12
CL3 H12 N5 O
CL3 H15 N5
CL3 N3 C15 H15
CL3 N3 C18 H21
CL3 N4 C14 H17
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Ru
CONTINUED

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CL3 N4 O2 C15 H14
CL3 N8 C12 H17
CL3 N8 C20 H33
CL3 N8 O3 C20 H39
CL4 H9 N3 O2
CL4 N3 C15 H16
CL4 N3 C18 H22
CL5 H8 N3 O
CL5 N O RB2
F4 O
H12 N4 O4 P
H14 N5 O6 P
H16 N4 O6 P
H17 N5 O5 P
H18 N6 O4 P
N C17 H15
N3 C17 H15
N3 O C12 H13
N3 S3 C27 H18
N4 O4 C17 H14
N6 C6 H4
O C11 H10
O C17 H12
O C17 H16
O2 C24 H18
O6 P3 S6 C12 H30
O10 C4 H4
TH

    RU2

O C34 H30
O4 C14 H10

    RU5

CL15 H30 N15 O5

    RU7

B3

    RU11

B8

    S

C1 H4
C2 H4
C2 H6
C4 H2
C4 H8
C5 H6
C5 H8
C5 H10
C6 H4
C6 H6
C6 H8
C6 H10
C6 H12
C7 H6
C7 H8
C7 H10
C7 H12
C7 H14
C8 H6
C8 H8
C8 H10
C8 H12
C8 H14
C8 H16
C9 H8
C9 H10
C9 H12
C9 H14
C9 H16
C9 H18
C10 H10
C10 H12
C10 H14
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C11 H22
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C12 H8
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C14 H30
C15 H12
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C15 H22
C16 H10
C16 H12
C16 H14
C16 H18
C17 H14
C17 H18
C18 H12
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S

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C18 H14
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C18 H22
C18 H28
C18 H38
C19 H18
C19 H40
C20 H12
C20 H16
C20 H18
C20 H20
C20 H30
C21 H16
C21 H18
C21 H20
C22 H22
C23 H18
C23 H24
C24 H16
C24 H20
C24 H24
C24 H26
C25 H22
C26 H16
C26 H18
C27 H26
C27 H46
C27 H48
C28 H22
C29 H22
C29 H50
C29 H52
C30 H26
C30 H48
C30 H50
AG 8
AG N O2 C23 H22
AG N O3 C11 H12
AG N2 C7 H9
AG N2 O2 C10 H9
AG N2 O2 C16 H13
AG N2 O5 C15 H19
AG N3 O6 C24 H28
AG N4 O5 C17 H9
AG N4 O6 C30 H21
AL BR
AL CL
AL H2 N
AL H8 N3
AL I
AL N C1 H4
AL N3 C3 H14
AL6 CA4 O16
AS C6 H15
AS C9 H13
AS C11 H17
AS BR2 PD C6 H15
AS CL N O5 C10 H15
AS CL2 PD C6 H15
AS F6 C4 H5
AS F9 C3
AS I2 PD C6 H15
AS I2 PT C6 H15
AS N O5 C10 H14
AS N2 O5 C10 H15
AS N2 O7 C10 H13
AS N4 O8 C12 H11
AS N5 O6 C18 H16
AS N6 O8 C18 H15
AS O C2 H6
AS O3 C25 H31
AS4 CL N O4 PD C55 H42
B C8 H15
B BR C5 H12
B BR C7 H16
B BR C8 H10
B BR C9 H20
B CL C5 H12
B CL C6 H14
B CL3 O C12 H10
B CL3 O2 C2 H6
B CL3 O2 C12 H10
B CU
B F3 C4 H10
B F4 C5 H11
B F4 C6 H13
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B F4 C23 H17
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B F4 O2 C6 H11
B F4 O2 C7 H13
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B N O2 C4 H6
B N O2 C19 H14
B N O2 C20 H16
B O2 C13 H29
B2 F6 K2 O4
B10 N C5 H25
B10 N C8 H33
B10 P C15 H31
BA O5 C3 H4
BA O6 P C4 H5
BA O6 P C4 H7
BE N2 O6 C4 H10
BE N4 O6 C2 H8
BE N6 O7 C3 H12
BR C5 H5
BR C5 H11
BR C6 H9
BR C7 H7
BR C7 H13
BR C11 H15
BR C13 H11
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S
CONTINUED

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BR CL N C10 H7
BR CL N O C11 H7
BR CL N O2 C7 H7
BR CL N O2 C11 H15
BR CL N O2 C16 H11
BR CL N O3 C10 H13
BR CL N O3 C11 H7
BR CL N O3 C13 H9
BR CL N O3 C14 H11
BR CL N O4 C6 H3
BR CL N O4 C11 H13
BR CL N2 C10 H8
BR CL N2 O C12 H10
BR CL N2 O C15 H10
BR CL N2 O C16 H12
BR CL N2 O2 C12 H8
BR CL N2 O2 C13 H12
BR CL N2 O3 C9 H10
BR CL O P C3 H7
BR CL O P C4 H9
BR CL O2 C7 H6
BR CL O4 C7 H4
BR CL O5 C17 H16
BR CL2 C5 H3
BR CL2 C8 H7
BR CL2 N O5 C14 H16
BR CL2 N2 O C12 H9
BR CL2 N2 O C15 H9
BR CL2 N2 O2 C12 H7
BR CL2 N2 O2 C14 H7
BR CL2 N5 C16 H18
BR CL2 O3 C11 H7
BR CL3 C7 H4
BR CL5 O C8 H2
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BR CO N6 O4 C19 H24
BR CO N6 O4 C21 H26
BR CO N6 O6 C14 H22
BR CO N7 O4 C16 H23
BR CO N8 O6 C14 H30
BR CU N2 C1 H4
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BR D2 O4 C16 H15
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BR I N2 C23 H20
BR I N2 C25 H22
BR I N2 C27 H24
BR I N2 O C20 H18
BR I N2 O C22 H20
BR I N2 O2 C12 H8
BR I O2 C20 H8
BR I O2 C22 H10
BR I O3 C13 H8
BR I P C18 H15
BR LI C6 H4
BR MG O2 C4 H5
BR MG O2 C5 H7
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BR N C7 H4
BR N C10 H8
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BR N C11 H10
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BR N C11 H14
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BR N C13 H14
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BR N O C11 H10
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BR N O5 C8 H8
BR N O5 C10 H6
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S

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BR N3 O3 C7 H4
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S2 CONTINUED 771

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C4 W C8 H10
C4 W2 C16 H16
C5 C5 H4
C5 C8 H18
C5 C11 H14
C5 C11 H24
C5 C14 H16
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C5 C15 H20
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O5 C16 H12
O5 C16 H30
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O5 C21 H34
O5 C27 H30
O5 C27 H36
O5 C27 H40
O5 C27 H44
O5 C34 H34
O5 C36 H58
O5 C40 H16
O5 C44 H20
O5 C48 H18
O5 P C7 H15
O5 P C7 H17
O5 P2 C10 H24
O6 C7 H8
O6 C8 H6
O6 C8 H16
O6 C9 H10
O6 C9 H12
O6 C9 H18
O6 C10 H8
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O6 C11 H24
O6 C12 H24
O6 C13 H18
O6 C13 H26
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O6 C20 H26
O6 C20 H28
O6 C22 H22
O6 C22 H26
O6 C23 H24
O6 C23 H28
O6 C24 H30
O6 C24 H32
O6 C25 H32
O6 C28 H34
O6 C29 H24
O6 C29 H30
O6 C30 H28
O6 C30 H42
O6 C34 H38
O6 C34 H46
O6 C35 H46
O6 P C10 H17
O6 P C12 H21
O6 P2 C15 H14
O6 P2 C18 H12
O7 C3 H8
O7 C6 H8
O7 C8 H12
O7 C11 H12
O7 C12 H12
O7 C14 H16
O7 C15 H24
O7 C21 H34
O7 C24 H30
O7 C41 H54
O7 P C12 H21
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S2 CONTINUED 773

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O8 C8 H10
O8 C8 H14
O8 C10 H14
O8 C10 H18
O8 C11 H22
O8 C12 H12
O8 C12 H14
O8 C12 H22
O8 C12 H24
O8 C13 H24
O8 C14 H10
O8 C14 H12
O8 C14 H22
O8 C15 H28
O8 C16 H22
O8 C18 H26
O8 C18 H30
O8 C19 H22
O8 C19 H30
O8 C20 H22
O8 C20 H24
O8 C21 H16
O8 C22 H14
O8 C23 H26
O8 C30 H30
O8 C33 H40
O8 C33 H54
O8 C35 H46
O8 C39 H38
O8 C39 H40
O8 C41 H44
O9 C12 H22
O9 C13 H22
O9 C15 H26
O9 C19 H20
O9 C23 H28
O10 C9 H14
O10 C10 H14
O10 C12 H18
O10 C16 H12
O10 C16 H18
O10 C17 H24
O10 C18 H22
O10 C21 H26
O10 C23 H26
O10 C27 H30
O10 C30 H32
O10 C32 H38
O10 C32 H48
O10 C37 H34
O10 C40 H40
O11 C17 H28
O12 C7 H14
O12 C22 H12
O12 C38 H44
O21 C38 H46
P C7 H9
P C8 H11
P C8 H19
P C9 H13
P C10 H15
P C12 H11
P C12 H25
P C13 H13
P C14 H23
P C15 H17
P2 C4 H12
P2 C8 H20
P2 C12 H20
P2 C12 H28
P2 C16 H18
P2 C16 H20
P2 C16 H36
P2 C20 H44
P2 C24 H20
P2 C24 H44
P2 C28 H28
SI C8 H20
SI C10 H24
SI C13 H22
SI2 C6 H16
SN C24 H20
T C7 H13
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S3

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C3 H4
C4 H4
C4 H10
C5 H12
C6 H14
C7 H16
C8 H10
C8 H14
C8 H18
C9 H12
C10 H22
C11 H24
C12 H22
C13 H20
C14 H14
C15 H24
C16 H34
C18 H30
C19 H16
C20 H14
C21 H20
C21 H36
C22 H22
C24 H16
C26 H18
C27 H24
C27 H30
C29 H26
C30 H28
C51 H54
C81 H138
AS N3 C3
AS N4 O14 C22 H17
AS N4 O15 C22 H17
AS N5 O16 C22 H16
AS2 C2 H6
B C3 H9
B C6 H15
B C9 H21
B C12 H27
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S3 774

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B C18 H15
B N C8 H14
B N3 C3
B N4 C5 H3
B N4 C8 H5
B N4 C9 H15
B N4 C11 H7
B O3 C6 H15
B O3 C9 H21
B O3 C12 H27
B O3 C15 H33
B2 O12
B3 C3 H15
B3 C6 H21
B3 C9 H27
B3 C12 H33
B3 N3 C18 H12
B3 O3 C15 H33
BE CL2 C6 H18
BE CL2 C12 H30
BE CL2 C24 H54
BR MN O3 C11 H18
BR N2 O4 C17 H19
BR N5 O2 C17 H16
BR O2 P C10 H14
BR O2 P C11 H16
BR O2 P C18 H14
BR O2 P C19 H16
BR2 C28 H16
BR2 CO N9 C3 H15
BR2 N2 O4 C12 H6
BR2 N2 O4 C12 H8
BR2 N2 O4 C16 H14
BR2 N10 O12 PT2 C4 H34
BR2 N10 O12 PT2 C8 H38
BR3 CO N9 C3 H15
CD4 CL3 N18 C57 H59
CD4 N12 C63 H74
CL CU N6 O3 C9 H18
CL F3 N3 O4 C11 H13
CL F3 O9 SN
CL I N2 O C23 H18
CL N O C13 H8
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CL N O C18 H10
CL N O4 C19 H16
CL N2 C14 H9
CL N2 C24 H21
CL N2 O C17 H11
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CL N2 O5 C8 H11
CL N2 O5 C9 H13
CL N3 O C42 H38
CL N3 O C44 H42
CL N3 O C48 H42
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CL N3 O7 C24 H44
CL N3 O7 C27 H26
CL N3 O7 C30 H56
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CL N4 O9 C18 H17
CL N4 O12 C29 H29
CL N5 O2 C17 H16
CL N5 O11 C19 H12
CL N7 O10 C25 H18
CL O2 P C10 H14
CL O2 P C11 H16
CL O2 P C18 H14
CL O2 P C19 H16
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CL2 N O4 C15 H9
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CL2 N2 O4 C12 H8
CL2 N2 O4 C16 H14
CL2 N2 O4 C17 H18
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CL2 O2 P C10 H13
CL2 O2 P C18 H13
CL3 C9 H15
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CL3 CO N9 O12 C3 H15
CL3 FE O6 C33 H30
CL3 MO N6 C3 H12
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CL3 MO N6 C39 H36
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CL3 N3 C4 H4
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CL5 N4 P4 C12 H27
CL6 C15 H8
CL6 MO2 N6 C3 H12
CL6 MO2 N6 C6 H18
CL6 MO2 N6 C21 H24
CL6 N C15 H9
CL6 N O C15 H7
CL6 N2 C9 H4
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CO H9 N3 NA3 O9
CO I3 N9 C3 H15
CO N2 O9 C6 H18
CU N3 C6 H18
CU N3 O12 C33 H30
CU N10 O8 C24 H32
CU N11 O4 C25 H32
CU N12 O9 C3 H15
CU O6 C27 H27
CU O6 C33 H33
CU O6 C36 H45
CR O3 C11 H18
CR2 H26 N2 U22
CR2 N10 O9 C1 H28
CR2 N12 O12 C36 H48
CS N3 O ZR C3
CU N4 O6 C30 H20
CU N6 O4 C9 H19
CU N6 O5 C11 H21
CU N7 C23 H17
CU N11 C43 H34
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S3 CONTINUED 775

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F N4 O4 C19 H17
F O2 P C10 H14
F O2 P C18 H14
F4 C2
F5 C6 H9
F6 C2
F7 C7 H9
F7 C10 H15
F8 C8 H4
F8 C4
F9 GD O6 C24 H12
F9 HO O6 C24 H12
F9 MO O6 C24 H12
F9 ND O6 C24 H12
F9 O6 SM C24 H12
F14 C6
FE N3 O12 C33 H30
FE N6 C21 H33
FE N6 C39 H45
FE N6 O6 C27 H39
FE N6 O6 C30 H45
FE O6 C33 H33
GE H8 N2
H3 IN O12
H3 O13 PA
H8 N2 SN
H12 IN N3 O12
HG N4 O6 C30 H20
I N2 C16 H13
I N2 C17 H15
I N2 C19 H19
I N2 C23 H21
I N3 C13 H12
I N3 C19 H20
I N3 C20 H22
I N4 C22 H21
I N5 O2 C17 H16
I2 N10 O12 PT2 C4 H34
I2 N10 O12 PT2 C8 H38
I2 O15 C33 H38
IR N3 C27 H18
K N3 O ZR C3
LI4 N1 O12
MO O3 C11 H18
N C3 H7
N C21 H17
N O2 C8 H15
N O2 P C10 H26
N O2 P C11 H28
N O2 P C27 H52
N O3 C8 H15
N O3 C9 H17
N O3 C11 H9
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N O4 C24 H17
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N O11 C30 H37
N P C16 H20
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N2 O C27 H26
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N2 O C33 H26
N2 O2 C7 H8
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N2 O2 C26 H26
N2 O3 C17 H20
N2 O3 C24 H24
N2 O3 C34 H28
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N2 O4 C24 H20
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N2 O4 C54 H62
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N2 O5 C20 H16
N2 O6 C9 H14
N2 O6 C12 H14
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N2 O6 C27 H30
N2 O6 C31 H30
N2 O7 C8 H10
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S3 776

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N3 O P2 RE C39 H30
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N3 O2 C14 H19
N3 O2 C23 H13
N3 O2 C24 H15
N3 O3 C9 H3
N3 O3 C12 H9
N3 O3 C15 H15
N3 O3 C27 H21
N3 O4 C12 H11
N3 O4 C15 H17
N3 O4 C20 H17
N3 O4 C21 H15
N3 O4 C23 H29
N3 O4 C26 H25
N3 O5 C41 H37
N3 O6 C15 H21
N3 O6 C17 H21
N3 O6 C23 H29
N3 O10 C19 H13
N3 O14 C9 H13
N3 O5 C27 H18
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N3 RH C27 H18
N3 RU C27 H18
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N3 SI C5 H3
N3 SI C6 H5
N3 SI C10 H7
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N4 O C29 H24
N4 O ZR C3 H4
N4 O ZR C8 H6
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N4 O2 C13 H16
N4 O3 C8 H10
N4 O3 C11 H12
N4 O3 C14 H18
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N4 O3 C15 H18
N4 O4 P C18 H19
N4 O5 C11 H16
N4 O6 C30 H22
N4 O6 PB C30 H20
N4 O6 ZN C30 H20
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N4 O8 C12 H8
N4 O8 C16 H14
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N4 O8 C28 H32
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N5 O8 C27 H31
N5 O9 C16 H11
N5 O10 C16 H11
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N6 C9 H6
N6 C9 H12
N6 O2 C13 H14
N6 O2 C26 H28
N6 O3 C9 H12
N6 O3 C15 H12
N6 O4 C12 H4
N6 O4 C24 H24
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N6 O6 C21 H24
N6 O10 C18 H14
N7 NI C3 H13
N7 O2 C14 H17
N7 O3 C31 H25
N7 RH C7 H16
N8 O4 C20 H22
N8 O9 C22 H16
N8 O10 C46 H62
N8 O11 C23 H16
N8 O12 C54 H68
N9 O6 C21 H21
N9 O13 C23 H15
N10 O14 C2 H31
N10 O14 C2 H34
N10 O14 C62 H86
N10 O17 C68 H92
N11 O13 C58 H75
N11 O13 C59 H79
N11 O13 C62 H83
N11 O14 C62 H83
N12 O7 C18 H14
N12 O14 C63 H84
N12 O14 C64 H86
N12 O14 C65 H88
N12 O15 C61 H86
N12 O16 C67 H92
N15 O15 C72 H93
N15 O15 C75 H91
N15 O16 C75 H91
N34 O50 C108 H170
N35 O51 C117 H179
NA O4 C10 H15
ND2
O C5 H10
O C21 H14
O C21 H16
O2 C7 H12
O2 C8 H14
O2 C8 H16
O2 C10 H8
O2 C10 H16
O2 C14 H14
O2 C16 H14
O2 C18 H12
O2 C23 H38
O2 C26 H26
O2 C32 H30
O2 P C7 H17
O2 P C8 H19
O2 P C10 H15
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S3 CONTINUED 777

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O2 P C11 H17
O2 P C12 H19
O2 P C18 H15
O2 P C19 H17
O2 P C20 H19
O2 RE2
O3 C11 H24
O3 C18 H30
O3 C26 H40
O3 C30 H30
O3 P C7 H17
O3 P C8 H19
O3 P C11 H17
O3 P C12 H19
O3 P C19 H17
O4 C3 H4
O4 C4 H10
O4 C5 H4
O4 C5 H12
O4 C6 H14
O4 C8 H18
O4 C16 H18
O4 C17 H20
O4 P C7 H17
O4 P2 C8 H20
O4 P2 C12 H28
O4 P2 C16 H36
O6 C15 H24
O6 C16 H26
O6 C21 H20
O6 C22 H22
O6 C24 H24
O6 P C12 H21
O6 SN3 C72 H54
O7 C9 H18
O7 C9 H20
O7 C11 H24
O7 C13 H28
O7 C14 H20
O7 C14 H22
O7 C15 H22
O7 C15 H24
O7 C15 H32
O7 C16 H26
O7 C17 H28
O7 C21 H28
O8 TH C21 H14
O9 C18 H30
O9 C23 H38
O9 C30 H30
O9 C40 H58
O10 C42 H52
O11 C9 H16
O11 C27 H28
O15 C46 H38
O17 C33 H40
O22 C43 H50
O24 ZR3 C90 H66
P C14 H23
P2 C8 H20
P2 C10 H24
P2 C12 H28
PR2
PT TL
RE2
SN3 C24 H54
SN3 C36 H30
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S4

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C6 H14
C7 H12
C8 H18
C10 H16
C12 H14
C12 H20
C14 H14
C14 H20
C16 H26
C26 H20
C28 H16
C28 H20
C36 H22
C39 H32
AL CL7
AS2 CO N4 C52 H40
AS2 N4 O20 C32 H24
AS2 N4 O22 C32 H24
B N3 C24 H20
B2 C7 H18
B2 C11 H26
B4 N8 C20 H36
BA LA2
BA O8 C14 H10
BR F4 K O14
BR N3
BR2 N2 PT C6 H12
BR2 N4 NI3 C8 H24
BR2 N4 PT C16 H22
BR2 O8 C16 H24
BR4 GA2 C8 H20
BR4 GA2 C8 H24
BR4 GA2 C16 H16
BR4 GA2 C16 H40
BR4 GA2 C24 H56
BR4 GA2 C48 H40
CA LA2
CA O8 C14 H10
CA3 CS2 O16
CA3 O16 RB2
CD CL2 N4 NI2 C8 H24
CD HG I4 N4 NI2 C8 H24
CD N12 O16 C21 H54
CD2 CL4 N4 NI2 C8 H24
CD4 CL4 N4 C8 H24
CL CO N10 O12 C26 H32
CL CU N4 NI2 C8 H24
CL N2 O4 C23 H17
CL N2 O4 C24 H19
CL N2 O4 C25 H21
CL N3
CL N3 O4 C10 H12
CL N4 O4 C21 H23
CL N4 O4 C23 H27
CL N8 O2 RE C52 H48
CL N17 O12 C55 H44
CL2 C28 H16
CL2 CO3 N4 C8 H24
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S4
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CL2 N2 P1 C6 H12
CL2 N3 P3 C12 H28
CL2 N3 P3 C24 H44
CL2 N4 N1 P02 C8 H24
CL2 N4 N12 P0 C8 H24
CL2 N4 N12 P1 C8 H24
CL2 N4 N13 C8 H24
CL2 N4 P03 C8 H24
CL2 N4 P1 C16 H22
CL2 N6 O10 C38 H34
CL2 N7 O11 C26 H25
CL2 N8 PT C4 H16
CL2 O2 C14 H16
CL3 O2 C14 H17
CL3 O3 C16 H19
CL4 GA2 C8 H20
CL4 GA2 C8 H24
CL4 GA2 C16 H16
CL4 GA2 C16 H40
CL4 GA2 C24 H56
CL4 GA2 C48 H40
CL4 N3 S8
CL4 N4 P4 C8 H20
CL4 N4 P4 C12 H28
CL4 N4 P4 C16 H36
CL4 N4 P4 C24 H20
CL4 N4 PT2 C16 H22
CL4 N8 O28 P4 TH2 C44 H24
CL4 O2 C14 H18
CL4 O4 P2 P8 C24 H16
CL6 N3 S8
CL8 O15 C12 H14
CO N2 C4 H6
CU N2 C8 H6
CU N2 C8 H14
CU N2 C14 H10
CU N3 O C6 H12
CO N6 C20 H40
CO N6 C40 H72
CO N11 O11 C26 H32
CU N11 O15 C32 H40
CU N12 C44 H34
CO2 GE2 N C20 H21
CO2 N8 C12 H12
CO2 N16 O6 C10 H32
CR GE2 N C12 H13
CR LA2
CR N6 O12 C44 H30
CR N6 O12 C46 H34
CR N6 O12 C50 H42
CR N6 P C8 H18
CR N7 C11 H22
CR N7 C12 H26
CR N7 C17 H28
CR N7 O4 C12 H26
CR N7 O7 C33 H38
CR N7 O8 C40 H42
CR N8 O12 C36 H32
CR N10 O C10 H13
CR Y2
CR2 N6 C14 H16
CU N2 C4 H6
CU N2 C8 H6
CU N2 C8 H14
CU N2 C14 H10
CU N8 C44 H34
CU N8 O5 C12 H25
CU N8 O10 C22 H35
CU N10 O10 C36 H22
CU N12 C44 H34
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CU N16 C64 H51
CU N16 O12 C96 H24
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CU2 N2 C8 H6
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CU2 N2 C14 H10
CU2 N8 C18 H14
CU5 O8 C8 H10
F4 C2
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F6 N4 O4 C14 H12
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F6 O2 C18 H6
FE LA2
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FE N6 C26 H44
FE N6 C50 H60
FE N6 O8 C34 H52
FE N6 O8 C38 H60
FE N6 O12 C34 H28
FE Y2
GE2 H22 N8 NI
H2 MO
H2 O6
H2 W
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H16 N4 SN
H20 N6 O16
HG C8 H6
HG C18 H14
HG K2 N4 C4
I N2 C19 H19
I N2 C21 H21
I N2 C29 H25
I N4 C25 H19
I N4 C27 H23
I N4 O C37 H39
I2 MO2 O4 C12 H18
I2 N4 N13 C4 H24
I2 O8 C16 H24
K2 LI4 NA2 O16
LA2 MN
LA2 PB
LA2 SR
MN N4 C36 H26
N2 C2
N2 C6 H4
N2 C6 H10
N2 C12 H6
N2 C14 H16
N2 C14 H20
N2 C26 H24
N2 C31 H34

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S4

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N2 NI C8 H14
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N2 NI C18 H20
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N2 NI3 O2 C7 H14
N2 O C16 H16
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N2 O4 C14 H12
N2 O4 C16 H8
N2 O4 C16 H24
N2 O4 C18 H24
N2 O4 C22 H28
N2 O4 C24 H20
N2 O4 C37 H50
N2 O4 C37 H52
N2 O4 P2 C12 H34
N2 O4 P2 C14 H38
N2 O4 P2 C16 H42
N2 O4 P2 C18 H46
N2 O4 P2 C29 H68
N2 O4 P2 C44 H98
N2 O4 P2 C46 H102
N2 O5 C37 H52
N2 O6 C6 H4
N2 O6 C14 H16
N2 O6 C17 H18
N2 O6 C28 H28
N2 O6 C36 H48
N2 O6 P2 C14 H14
N2 O6 P2 C33 H76
N2 O8 C14 H20
N2 O8 C22 H24
N2 O9 C32 H36
N2 P2 P8 C22 H30
N2 PT C6 H12
N2 PT C6 H14
N2 ZN C4 H6
N2 ZN C8 H6
N2 ZN C8 H14
N2 ZN C14 H10
N3 O C16 H17
N3 O C17 H19
N3 O4 C24 H19
N3 O4 C41 H37
N3 O4 C45 H37
N3 O4 C47 H41
N3 O5 C35 H33
N3 O5 C39 H41
N3 O5 C41 H43
N3 O5 C46 H41
N3 O6 C37 H39
N3 O6 C41 H41
N3 P C3
N4 C28 H22
N4 C30 H18
N4 NI C6 H10
N4 NI O2 C2 H10
N4 O2 C10 H10
N4 O2 C12 H14
N4 O2 C12 H22
N4 O2 C28 H30
N4 O3
N4 O4 C14 H10
N4 O4 C30 H22
N4 O4 C33 H28
N4 O4 P2 C20 H52
N4 O4 PT C6 H12
N4 O4 PT C48 H40
N4 O6 C24 H18
N4 O6 C34 H38
N4 O6 P2 C31 H70
N4 O8 C19 H24
N4 O8 C32 H22
N4 O8 C70 H98
N4 O10 C22 H26
N4 O10 C24 H30
N4 O10 C28 H38
N4 O14 C22 H16
N4 SI C4
N5 C20 H15
N5 C23 H21
N5 O16 C22 H15
N6 NI C2 H12
N6 NI C4 H14
N6 NI C40 H72
N6 O2 C24 H24
N6 O2 C26 H28
N6 O2 C27 H30
N6 O4 C14 H16
N6 O13 C35 H28
N8 C12 H14
N8 C22 H14
N8 NI C4 H14
N8 O2 C30 H26
N8 O12 C22 H16
N8 O14 C23 H16
N10 O13 C39 H34
N10 O14 C34 H30
N12 O12 C32 H28
N12 O13 C33 H22
N12 O14 C36 H36
N12 O14 C40 H40
N12 O14 C40 H44
N12 O14 C44 H52
N12 O16 C40 H44
N12 O16 C44 H52
N12 O16 C48 H60
N13 O16 C21 H99
N13 O18 C76 H107
N14 O13 C53 H44
N15 O16 C71 H93
N15 O16 C74 H91
N18 O13 C57 H50
N22 O23 C96 H142
N22 O23 C97 H144
NI O24 H20
NI O2 C12 H22
NI O2 C18 H18
NI O2 C20 H22
NI O2 C22 H38
NI O2 C24 H30
NI O2 C26 H34

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NI O2 C28 H38
NI O2 C32 H30
NI O2 P2 C6 H16
NI O2 P2 C12 H20
NI O2 P2 C14 H16
NI O2 P2 C16 H32
NI P2 C14 H16
NI P2 C16 H20
NI P2 C18 H24
NI P2 C20 H28
O C27 H40
O P2 SI2 C30 H36
O2 C9 H18
O2 C10 H6
O2 C10 H10
O2 C12 H10
O2 C12 H12
O2 C14 H22
O2 C18 H22
O2 C24 H30
O2 C28 H16
O2 P2 C4 H12
O2 PB C6 H10
O2 SI2 C10 H26
O4 C11 H16
O4 C31 H48
O4 P2 C8 H20
O4 P2 SE C8 H20
O4 P2 ZN C12 H28
O4 PB3 C6 H2
O5 P2 SI2 C14 H36
O5 P2 SI2 C22 H52
O6 C14 H22
O6 P2 C12 H22
O6 P2 C16 H30
O6 P2 C20 H38
O8 C16 H24
O8 C16 H26
O8 C27 H24
O10 C22 H30
O12 C38 H44
O12 C52 H32
O16 N15 C71 H93
P C9 H21
P C12 H27
P2 C2 H6
P2 C4 H10
P2 C6 H14
P2 C8 H18
P2 C12 H10
P2 C12 H22
P2 C16 H36
P2 C24 H20

S5

C14 H14
BR2 FE N5 C30 H25
CL2 CU2 N10 O5 C15 H30
CO2 N16 O20 C40 H60
CR N6 O2 C9 H19
CR N6 O4 C12 H23
CR4 H60 N18 O24
CR4 H62 N20 O22
CU N17 C65 H51
FE N9 C45 H34
FE2 Y2
GE2 H8 N2
H4 IN2 O20
N2 C2
N2 O C16 H16
N2 O2 C26 H24
N3 O5 C41 H41
N4 C1
N4 O4 C34 H26
N4 O5 C37 H40
N4 O17 C22 H16
N6 O12 C38 H40
N8 O12 C36 H38
N16 O24 C91 H130
N16 O26 C99 H136
N16 O26 C100 H138
O4 C14 H14
O4 P2 C8 H20
O21 C47 H52
O24 C53 H58

S6

C14 H14
B10 P2 C12 H42
BR2 CU2 N12 C6 H24
BR3 CO2 N6 NI C12 H36
BR3 CO3 N6 C12 H36
CO HG2 N6 C12 H6
CE CR N9 O6 C24 H15
CL2 CO O14 C12 H36
CL2 CO O14 C24 H48
CL2 CU2 N12 C6 H24
CL2 MN O14 C12 H36
CL2 MN O14 C24 H48
CL2 N6 O20 C38 H34
CL2 N6 P1 C8 H20
CL2 NI O14 C12 H36
CL2 NI O14 C24 H48
CL4 N6 PT2 C8 H20
CO HG2 N6 C12 H6
CO HG2 N6 C13 H8
CO HG2 N6 C14 H10
CO HG2 N6 C16 H8
CO HG2 N6 C20 H10
CO O3 C27 H27
CU O3 C30 H33
CO O3 C36 H45
CR ER N9 O6 C24 H15
CR GD N9 O6 C24 H15
CR GE3 H24 N9
CR HO N9 O6 C24 H15
CR LA N9 O6 C24 H15
CR LU N9 O6 C24 H15
CR N9 ND O6 C24 H15
CR N9 O6 PR C24 H15
CR N9 O6 SM C24 H15
CR N9 O6 TB C24 H15
CR N9 O6 Y C24 H15
FE N3 C15 H30
FE N6 O19 C41 H36

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S6

FE N10 C66 H51
FE N18 C66 H51
FE O3 C12 H21
FE O6 P3 C18 H42
HG2 N6 NI C12 H6
MN2 N12 O36 C60 H48
N2 C2
N2 O2 C16 H28
N2 O4 C28 H32
N3 P3 C12 H30
N3 P3 C18 H42
N3 P3 C24 H54
N3 P3 C36 H30
N3 P3 C36 H66
N3 P3 C42 H42
N4 C26 H16
N4 O6 C16 H22
N5 C30 H33
N6 C6
N8 ZR C16 H12
N12 O19 C33 H22
N29 O35 C152 H193
O PB4 C3 H5
O2 C22 H36
O2 C23 H38
O2 C25 H42
O3 C24 H24
O6 P3 RU C12 H30
O7 P3 ZN2 C18 H43
O7 P3 ZN2 C24 H55
O8 C10 H20
J8 PB3 C10 H18

S7

C14 H14
B BR2 N
B CL2 N
B CL2 N2 C5 H5
CE2 O22 C196 H302
CR Y4
FE Y4
N4 C26 H16
N6 O4 C48 H32

S8

C14 H14
AG AL5
AG IN5
AL5 CU
AL5 LI
BR2 N4 PT C12 H24
BR2 O16 C96 H64
CU5 K6 O32
CL4 C34 H6
CL4 N4 PT2 C12 H24
CL5 N6 SB
CO9
CS4 N8 TH C8
CU IN5
CU3 N4 C8 H12
CU3 N4 C16 H12
CU3 N4 C16 H28
CU3 N4 C28 H20
N4 O3 C20 H18
N4 O8 P4 C58 H132
N12 O2 PT RE2 C8 H12
N20 O4 PT3 RE2 C8 H36
O8 P4 SE C16 H40

S9

CL34 N6 O18 SN4 C48 H66
CU2 N20 O20 C52 H64
GE4 H8 N2
N6 C6

S11

CO10 K2 O44
FE2 N12 O34 C82 H20

S12

CR2 GE6 H39 N15
CR2 N18 O6 C72 H72
CU4 N6 C12 H18
CU4 N6 C24 H18
CU4 N6 C24 H42
CU4 N6 C42 H30
N6 C6
O36 C36 H74

S15

N6 C6

S16

N28 O8 RE4 C16 H48

S18

N6 C6

SB

C24 H15
C30 H25
AL O4 SI4 C16 H48
AU C14 H20
BR MN O4 C22 H15

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Sb
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BR2 CL6 I C12 H8
CL S2 C54 H90
CL4 N3 S4
CL5 N C6 H7
CL5 N C8 H11
CL5 N O C3 H7
CL5 N6 S8
CL6 C8 H9
CL6 FE O3 C7 H7
CL6 I C12 H10
CL6 I C14 H14
CL6 I O2 C14 H14
CL6 N O C5 H12
CL6 N O4 C9 H8
CL6 N2 C4 H9
CL6 N3 C4 H10
CL6 N3 C25 H30
CL6 N3 S4
CL6 O C7 H9
CL6 O C9 H13
CL6 O2 P
CL7 N C3 H7
CL7 N O C2 H1
CL7 N O2 S C5 H5
CL7 N O2 S C9 H7
CL7 N6 C50 H60
CL8 I C12 H8
CL8 N C2
CL8 N O C3 H4
CL8 N9 C75 H90
CL12 N2 O2 S C12 H14
CL F5 O3 C23 H15
CO N5 O10 C27 H21
D3 F6 O C2
F6 N O
F6 O C2 H3
F6 O C3 H5
F6 O C7 H5
FE N2 O3 C19 H15
FE O4 SI4 C16 H48
GA O4 SI4 C16 H48
I4 N C16 H24
N2 NA O8 C10 H12
N8 C48 H28
N12 O7 C120 H117
O2 C22 H25
O3 C7 H15
O3 C8 H15
O3 C8 H17
O3 C9 H19
O3 C10 H19
O3 C12 H21
O3 C12 H23
O3 C12 H27
O3 C15 H27
O3 C15 H33
O3 C18 H33
O3 C18 H39
O3 C21 H45
O4 C5 H9
O5 C7 H15
O5 C10 H25
O5 C15 H35
O5 C20 H45
O5 C25 H55
O5 C30 H65
O5 C35 H75
O5 C40 H85
O6 C12 H31
O6 C18 H43
O6 C24 H55
O6 C30 H67
OS10 TE19

SB2

CL MN O3 C39 H30
CL10 H4 N2
CL10 N3 O3 C18 H33
CL11 H5 N2
CL11 N3 C25 H30
CL12 H6 N2
FE O3 C39 H30
IR
N6 NI O14 C42 H32
O6 C9 H18
OS

SB4

AG B F4 C72 H60
AG CL O4 C72 H60
O12 C15 H24

SC

BE13
BR3 H6 N2
BR3 H12 N4
BR3 H13 N3 O2
BR3 N C6 H15
BR3 N4 C16 H44
CL3 H6 N2
CL3 H9 N3
CL3 H12 N4
CL3 H13 N3 O2
CL3 H15 N5
CL3 N C6 H15
CL3 N4 C16 H44
CL3 O20 C16 H32

SC2

CL2 N4 O16 P2 S2 C22 H14
O5 SI
O7 S12

SE

C4 H6
C5 H6

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SE

C5 H8
C6 H10
C6 H14
C7 H8
C7 H10
C8 H18
C9 H14
C11 H18
C14 H12
C40 H26
AG B
AS F9 C3
AS F13 C5
B CU
BR C4 H5
BR C6 H5
BR I P C18 H33
BR N5 C28 H20
BR N5 O C24 H20
BR N5 O C30 H24
BR O C8 H7
BR O C11 H13
BR O C13 H9
BR O C14 H11
BR2 C6 H6
BR2 N3 C3 H11
BR2 N3 C4 H13
BR2 O C15 H12
BR3 N5 C28 H20
BR3 N5 C29 H22
BR3 N5 C32 H22
BR3 N5 O C24 H20
BR3 N5 O C29 H22
BR3 N5 O C30 H24
BR3 N5 O2 C20 H18
BR3 N5 O2 C21 H20
BR3 N5 O2 C24 H20
BR3 N5 O3 C21 H20
BR3 N5 O3 C22 H22
CD
CL C5 H5
CL C6 H7
CL C7 H9
CL N2 O5 C6 H3
CL O C4 H7
CL O C6 H5
CL O C11 H13
CL O C13 H9
CL O C15 H9
CL O3 C3 H5
CL2 C4 H8
CL2 C6 H12
CL2 C44 H56
CL2 N2 C6 H6
CL2 N3 C5 H15
CL2 N3 C7 H19
CL2 O C10 H20
CL2 O C12 H24
CL2 O C16 H12
CL2 O C16 H16
CL3 O C11 H7
CL3 O C12 H9
CL3 O4 C14 H13
CL4 C10 H20
CL4 C16 H12
CL4 N2 C6 H6
CO N6 O4 C9 H17
CU P
F O C11 H13
F3 N2 C8 H5
F3 SI C1 H3
F4
F4 C5 H6
F7 SI C3 H3
F8 C4
F8 V
F9 P C3
GE
GE SN C36 H30
HG3 O6
I N2 C19 H15
I N2 O C20 H17
I N4 C10 H11
I N4 S C34 H29
I N5 S C21 H20
I O C11 H13
I O C13 H9
I O2 C14 H11
I2 N2 C22 H22
I2 N2 O C23 H24
I2 P C18 H15
N C3 H3
N C4 H5
N C5 H5
N C6 H7
N C9 H15
N C10 H15
N C11 H19
N C12 H11
N C20 H15
N O C4 H3
N O C4 H9
N O C5 H5
N O C9 H13
N O C17 H15
N O S C18 H21
N O S2 C10 H9
N O2 C7 H7
N O2 C12 H9
N O2 C14 H13
N O2 C14 H15
N O2 S C12 H9
N O3 C15 H9
N O4 C18 H19
N O4 S2 C13 H11
N S C4 H9
N S C18 H23
N2 C8 H8
N2 C13 H10
N2 C15 H20
N2 C17 H24
N2 C18 H12
N2 C19 H28
N2 C23 H22
N2 C24 H26
N2 O C6 H4
N2 O C7 H6
N2 O C8 H8
N2 O C11 H8
N2 O C13 H14
N2 O C19 H14

Se
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N2 O3 C9 H10
N2 O3 C14 H20
N2 O4 C8 H8
N2 O4 S C12 H8
N2 O5 C22 H26
N2 O6 C8 H8
N2 S C6 H8
N2 S C7 H10
N2 S C8 H12
N2 S C11 H8
N3 C4 H5
N3 C5 H7
N3 C14 H19
N3 C16 H23
N3 C18 H27
N3 O C9 H13
N3 O8 C29 H37
N3 S C8 H11
N4 C1 H6
N4 C5 H4
N4 C8 H6
N4 C9 H8
N4 C15 H14
N4 C17 H18
N4 O2 C11 H10
N4 O2 C15 H14
N4 O4 C14 H14
N4 O4 C17 H18
N4 S C6 H2
N5 C5 H5
N5 C28 H21
N5 C29 H23
N5 C32 H23
N5 O C24 H21
N5 O C28 H21
N5 O C29 H23
N5 O C30 H25
N5 O S2 C16 H15
N5 O2 C20 H19
N5 O2 C21 H21
N5 O2 C24 H21
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N5 O3 C21 H21
N5 O3 C22 H23
N5 O3 S C26 H27
N5 O3 S2 C32 H29
N5 O8 C13 H15
N6 O4 C15 H12
N6 O5 C14 H20
N6 O5 C15 H22
N8 C42 H23
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O C6 H12
O C7 H8
O C7 H10
O C8 H8
O C8 H10
O C8 H18
O C9 H10
O C9 H16
O C10 H16
O C11 H12
O C11 H14
O C12 H10
O C12 H16
O C13 H10
O C14 H12
O C15 H10
O C15 H12
O C15 H24
O C16 H14
O C17 H16
O C17 H28
O C18 H14
O C18 H30
O C23 H18
O2 C4 H8
O2 C7 H8
O2 C8 H10
O2 C9 H10
O2 C9 H12
O2 C12 H16
O2 C14 H12
O2 C15 H10
O2 C15 H12
O2 C15 H14
O2 C16 H14
O2 C17 H16
O2 P C15 H31
O2 S2 C13 H12
O3 C2 H4
O3 C3 H6
O3 C6 H10
O3 C10 H8
O3 C11 H8
O3 C11 H14
O3 C12 H10
O3 C13 H14
O3 C14 H12
O3 C15 H14
O3 PB
O4 C10 H12
O4 C12 H16
O4 C18 H14
O4 C22 H22
O4 P2 S4 C8 H20
O5 PB3
O6 C14 H14
O7 PB5
O8 P4 SB C16 H40
P C18 H13
P C18 H27
P C18 H33
P C19 H15
S C15 H10
SI ZR
SN2 C36 H30
ZN

Se2

C3 H6
C11 H12
C14 H8
C15 H10
C16 H12
C18 H10
C20 H18

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Se2
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C22 H12
C22 H24
C40 H26
C48 H34
AS2 CO N2 O2 C38 H30
BR C16 H11
BR C22 H23
BR2 C14 H6
BR2 HG3
CL C14 H7
CL2 C14 H6
CL2 HG3
CL4 N2 PD C24 H16
CO N2 C2
CO N2 O2 P2 C38 H30
CO N2 O4 C10 H16
CO N2 O8 C18 H32
CO N2 O12 C26 H48
CO N2 P2 C38 H30
CO N4 C20 H14
CO N6 C22 H20
CU N2 O4 C24 H16
CU O4 C28 H22
CU O6 C28 H22
F4 H9 C6
F8 C4
GE
HG3 I2
I N2 C21 H21
N2 C1 H4
N2 C5 H6
N2 C10 H8
N2 C11 H8
N2 O4 C6 H12
N2 O4 C8 H16
N2 O4 C11 H14
N2 O4 C14 H6
N2 O7 C12 H8
N8 O3 S C28 H26
NI C2
O C15 H10
O2 C4 H6
O2 C5 H10
O2 C6 H14
O2 C8 H18
O2 C10 H22
O2 C16 H12
O2 C16 H14
O2 C22 H14
O2 C24 H18
O2 C28 H42
O3 C8 H18
O3 C14 H14
O3 C18 H12
O3 C24 H50
O4 C7 H10
O8 C28 H26
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SE3

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B2
CD K N3 C3
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SE4

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AS2 CO N4 C52 H40
CD K2 N4 C4
CD K2 N4 O2 C10 H12
CL4 GA2 C16 H32
CO HG N4 C4
CO K2 N4 C4
CU N4 NA2 C4
CU N4 NA2 O14 C32 H56
CO N4 O6 K2 C16 H24
CO N6 C12 H24
CO N6 C20 H40
MW3
O8 C28 H26
TI3
V3
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SE5

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CD K3 N5 C5
CU N5 O6 K3 C17 H24
U3
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SE6

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CD K N3 O3 C12 H18
CD K4 N6 C6
CD K4 N6 O12 C30 H48
CO K4 N6 C6
CU N6 O2 K4 C12 H12
K4 N6 NI C6
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SI

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C2 H4
C3 H8
C3 H10
C6 H14
C6 H16
C7 H10
C7 H16
C8 H10
C8 H12
C8 H16
C8 H18
C9 H8
C9 H14
C9 H16
C9 H20
C10 H22
C11 H10
C11 H16
C11 H22
C12 H18
C12 H24
C12 H26
C13 H20
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SI

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C14 H10
C14 H22
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C15 H18
C16 H12
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C16 H18
C17 H26
C17 H16
C17 H20
C18 H14
C18 H16
C20 H16
C20 H18
C20 H22
C20 H26
C21 H20
C21 H24
C23 H24
C24 H16
C24 H22
C24 H26
C26 H22
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C30 H24
C30 H26
C30 H30
C32 H26
C36 H76
C38 H32
C41 H80
C45 H38
AL N8 O C50 H31
AL NI2
AL O C5 H15
AL O2 C6 H15
AL O3 C14 H33
AL O74 72 C148 H441
AL2 N24 O2 C96 H48
AS H5
B CL N C5 H15
B CL N C20 H21
B N C24 H30
B N2 C7 H21
B N2 C22 H27
BR C5 H9
BR C8 H19
BR C10 H13
BR C11 H15
BR C13 H21
BR C15 H17
BR C18 H15
BR C21 H21
BR C24 H15
BR C24 H21
BR C30 H25
BR CL C9 H12
BR CL O C6 H14
BR CL2 O C6 H13
BR CL3 C18 H12
BR CL3 F3 C9 H15
BR F3 C8 H16
BR N SN C8 H24
BR N SN C10 H28
BR O C7 H17
BR O C18 H13
BR O C18 H31
BR O C22 H23
BR O2 C5 H11
BR O2 C6 H13
BR O2 C7 H15
BR O2 C8 H9
BR O2 C8 H17
BR O3 C6 H15
BR O3 C9 H21
BR2 C8 H18
BR2 C25 H20
BR2 CL O2 C9 H19
BR2 CL2 O2 C8 H16
BR2 F3 C8 H15
BR2 O C6 H14
BR2 O2 C4 H10
BR2 O2 C6 H14
BR2 O2 C9 H12
BR2 O2 C10 H22
BR3 O C2 H5
BR3 O C3 H7
BR4 F3 C9 H15
CL C3 H9
CL C4 H9
CL C6 H11
CL C7 H13
CL C7 H17
CL C8 H11
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CL C16 H19
CL C17 H15
CL C18 H15
CL C19 H17
CL C21 H21
CL C24 H19
CL C24 H35
CL C36 H75
CL F O3 S C2 H6
CL F3 C8 H14
CL MG C3 H9
CL N O2 C7 H14
CL N O2 C11 H22
CL N2 C10 H25
CL N2 O2 P2 C6 H15
CL N4 C10 H27
CL N4 C12 H15
CL O C3 H9
CL O C5 H13
CL O C9 H13
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Si
CONTINUED

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CL O C10 H15
CL O C11 H17
CL O TI C28 H25
CL O2 C4 H11
CL O2 C7 H17
CL O3 C6 H15
CL O3 C19 H17
CL O3 C21 H21
CL O3 C22 H23
CL O3 C24 H27
CL O3 C26 H31
CL O3 S C3 H9
CL P3 C12 H30
CL S C3 H9
CL2 C1 H4
CL2 C2 H6
CL2 C5 H12
CL2 C6 H12
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CL2 C7 H16
CL2 C8 H10
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CL2 C9 H12
CL2 C13 H12
CL2 C19 H16
CL2 C24 H18
CL2 F3 C4 H7
CL2 F6 C4 H4
CL2 F6 C5 H6
CL2 F6 C6 H8
CL2 F12 C6 H2
CL2 N C4 H7
CL2 N C9 H9
CL2 N O C7 H13
CL2 N O C8 H15
CL2 N3 C12 H13
CL2 N3 C13 H13
CL2 N3 C17 H15
CL2 N3 C18 H17
CL2 N6 C24 H20
CL2 N8 C32 H16
CL2 O C3 H8
CL2 O C7 H8
CL2 O2 C11 H16
CL2 O2 C14 H14
CL2 O3 S C2 H6
CL2 O6 S2 C2 H6
CL2 P C12 H19
CL2 P2 C12 H28
CL3 C1 H3
CL3 C2 H3
CL3 C3 H5
CL3 C5 H11
CL3 C6 H5
CL3 C6 H11
CL3 C7 H13
CL3 C8 H7
CL3 C8 H9
CL3 C8 H15
CL3 C8 H17
CL3 C12 H9
CL3 C18 H13
CL3 C20 H15
CL3 C21 H17
CL3 C24 H17
CL3 C30 H37
CL3 C34 H45
CL3 C36 H49
CL3 O3 C7 H10
CL3 F3 C3 H4
CL3 F4 C2 H1
CL3 F6 C3 H1
CL3 N C7 H10
CL3 N O C6 H10
CL3 O C2 H3
CL3 O C7 H7
CL3 O TI C1 H3
CL3 O3 S C1 H3
CL4 C5 H10
CL4 C7 H6
CL4 C24 H16
CL4 N2 C10 H8
CL4 N12 C56 H60
CL4 O P C4 H9
CL4 O P C5 H11
CL4 O TI C1 H4
CL5 C7 H5
CL5 GE C3 H7
CL5 U P C3 H6
CL6 GE C3 H6
CL6 NA O C7 H3
CL6 O2 C11 H18
CL6 U3 C12 H20
CL7 O2 C11 H17
CL8 C7 H8
CL8 O8 C12 H12
CL8 O12 C32 H20
CL9 C6 H5
CL9 C7 H7
CO3 O9 C11 H3
D C5 H9
D3 C7 H13
D3 N S C1
F C3 H9
F C4 H11
F C5 H13
F C12 H19
F C13 H21
F C24 H19
F2 C2 H6
F2 C9 H12
F2 C11 H16
F2 C24 H18
F3 C8 H15
F3 C24 H17
F3 C30 H37
F3 C34 H45
F3 C36 H49
F3 O3 C8 H15
F3 SE C1 H3
F4 C24 H16
F4 N2 C18 H14
F6 I C9 H15
F6 N2 C10 H12
F6 N2 C18 H16
F6 N2 O2
F7 C6 H9
F7 SE C3 H3
F15 I O2 C14 H16
FE C13 H18
FE O C17 H26
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SI

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H4 K4 N4
H4 N2 S
H9 N3 S2
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I C5 H9
I O C7 H17
I O C22 H23
I O2 C2 H7
I O2 C4 H11
I O3 C18 H15
I P C9 H24
MN3 N12
N C5 H15
N C6 H13
N C7 H15
N C7 H19
N C8 H19
N C8 H21
N C9 H19
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N C10 H13
N C10 H17
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N C11 H27
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N C12 H29
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N C27 H25
N C29 H29
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N O C6 H15
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N O C12 H25
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N O2 C14 H31
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N2 O2 C2 H6
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N2 O4 C12 H26
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N2 O4 TI C25 H20
N2 O5 C12 H24
N2 O6 C36 H78
N2 P2 C48 H40
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N2 S2 C7 H12
N2 S2 C8 H14
N3 C3 H9
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N3 P C36 H30
N3 S C19 H21
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N3 S3 C6 H5
N3 S3 C10 H7
N4 C9 H26
N4 C10 H28
N4 C12 H32
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N4 O4 C16 H18
N4 O4 C17 H20
N4 O4 C19 H24
N4 O4 C20 H26
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N4 O4 C22 H28
N4 O4 C23 H24
N4 O4 C31 H24
N4 O12 C24 H64
N4 O12 C28 H72
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Si
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N6 C14 H38
N8 C16 H44
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N8 O2 C32 H18
NA C11 H15
NA U3 C6 H7
NA2 O2 C7 H8
NA2 O2 C12 H10
NA3 O3 C6 H5
O C2 H6
O C3 H8
O C4 H8
O C5 H14
O C6 H12
O C7 H8
O C7 H14
O C7 H18
O C8 H10
O C8 H14
O C8 H20
O C9 H12
O C10 H14
O C10 H16
O C10 H20
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O C11 H16
O C11 H18
O C11 H22
O C12 H18
O C12 H20
O C13 H20
O C13 H22
O C13 H26
O C13 H28
O C14 H22
O C14 H24
O C16 H18
O C16 H24
O C16 H26
O C16 H28
O C17 H20
O C18 H14
O C18 H20
O C18 H32
O C19 H16
O C21 H38
O C24 H44
O C25 H20
O C27 H26
O C29 H30
O C30 H22
O C30 H26
O P S2 C17 H23
O S C3 H10
O S C5 H12
O S C5 H14
O S C9 H20
O S C10 H22
O SN C23 H44
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O2 C4 H12
O2 C5 H12
O2 C6 H16
O2 C7 H14
O2 C7 H16
O2 C8 H10
O2 C8 H20
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O2 C20 H36
O2 C22 H24
O2 C22 H40
O2 C22 H44
O2 C24 H18
O2 C26 H24
O2 C27 H26
O2 C28 H28
O2 C29 H30
O2 C30 H22
O2 P S2 C18 H25
O2 P2 C16 H38
O2 S2 C17 H26
O2 SN2 C28 H64
O3 C6 H14
O3 C7 H18
O3 C8 H18
O3 C10 H20
O3 C10 H24
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SI

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O3 C14 H24
O3 C16 H26
O3 C16 H28
O3 C18 H16
O3 C24 H24
O3 C30 H24
O3 C36 H28
O3 C36 H38
O3 C42 H42
O3 C48 H36
O3 P C3 H9
O3 P C6 H17
O3 P C9 H23
O3 P C10 H25
O3 P C12 H29
O3 P C13 H31
O3 P C20 H29
O3 P S C12 H29
O3 P S2 C9 H23
O3 P S2 C13 H31
O3 TI C3 H6
O4 C8 H20
O4 C11 H22
O4 C12 H8
O4 C12 H26
O4 C13 H14
O4 C13 H22
O4 C13 H28
O4 C14 H28
O4 C15 H24
O4 C15 H32
O4 C16 H20
O4 C18 H24
O4 C19 H18
O4 C19 H38
O4 C20 H28
O4 C22 H24
O4 C23 H26
O4 C23 H30
O4 C26 H32
O4 C28 H28
O4 C30 H24
O4 C36 H44
O4 C40 H44
O4 C48 H36
O4 C48 H60
O4 P C6 H17
O4 P C9 H23
O4 P S2 C10 H25
O4 P S2 C14 H33
O5 C12 H24
O5 C12 H26
O5 C13 H28
O5 C14 H30
O5 C16 H34
O5 C17 H36
O5 C18 H38
O5 P C12 H29
O5 P C13 H31
O5 SC2
O6 C12 H24
O6 C14 H28
O6 C16 H32
O6 P C10 H25
O6 P C12 H29
O6 P C13 H31
O6 TI C17 H22
O8 C32 H28
O8 C48 H36
O38 W12
P C7 H19
P C8 H21
P C10 H17
P2 C10 H26
P2 C14 H34
P2 C16 H38
P2 C32 H38
P4 C16 H40
P4 C24 H56
P4 C56 H56
S C7 H18
S C8 H20
S C15 H26
S ZR
S2 C8 H20
S2 C10 H24
S2 C13 H22
SE ZR
SN C13 H24
TE ZR
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SI2

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C6 H16
C7 H18
C8 H18
C8 H20
C9 H20
C9 H22
C10 H18
C10 H24
C11 H24
C12 H22
C12 H24
C16 H38
C18 H20
C23 H22
C26 H24
C32 H30
C38 H32
C41 H40
C42 H34
C44 H46
C48 H38
C48 H46
C48 H68
C50 H30
C50 H106
C66 H130
C78 H78
C98 H202
AG2 O S2 C6 H16
AL N O6 C15 H22
AL NA O3 C6 H18
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Si2
CONTINUED

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AL O3 C8 H21
AL2 CL4 N2 C6 H20
AL2 H4 NA2 O10
AL2 N2 C10 H32
AL2 N32 O3 C128 H64
AL2 NA2 O8
AS H7
B H2 NA O7
B3 CL N3 C11 H31
BE CA2 O7
BR C6 H17
BR O2 S C8 H21
BR2 C6 H16
BR2 O C6 H16
CA2 O9 Y2
CL C5 H15
CL C10 H21
CL C11 H23
CL C17 H23
CL H5
CL N O C8 H18
CL N O C9 H20
CL O C5 H15
CL O C8 H21
CL O C12 H19
CL O4 P C10 H26
CL2 C5 H14
CL2 C6 H16
CL2 C8 H20
CL2 C9 H20
CL2 C14 H24
CL2 C20 H20
CL2 C30 H24
CL2 GE O2 C8 H22
CL2 N C6 H17
CL2 N2 C6 H18
CL2 O C4 H12
CL2 O C5 H14
CL2 O C9 H14
CL2 O3 C4 H12
CL2 S2 C6 H16
CL3 C4 H11
CL3 O2 C8 H19
CL3 O2 C14 H31
CL4 C8 H10
CL4 C18 H14
CL4 C42 H30
CL4 O C4 H10
CL4 O C6 H14
CL6 C2 H4
CL6 C6 H4
CL6 C6 H12
CL6 C8 H8
CL6 C12 H8
CL6 C42 H28
CL6 O3 C16 H32
CU O4 C4 H14
CU O4 C14 H18
CU O4 C24 H22
CU O6 C12 H14
ER
F4 C8 H10
F4 C8 H18
F4 C9 H12
F4 C18 H14
F4 O C14 H14
FE C16 H26
FE C82 H158
GE N8 O4 C56 H36
GE N8 O4 C56 H38
GE N8 O4 C70 H50
H5 N5 NA2
H7 P
HG O2 C42 H36
Ho
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I N O C8 H18
LA2 O7
LU
N C1 H5
N C6 H15
N C6 H19
N NA C6 H18
N O C4 H13
N O C8 H21
N O C14 H25
N O2 C8 H23
N S C8 H23
N S C10 H27
N S C12 H23
N2 C1 H6
N2 C7 H18
N2 C10 H28
N2 O C6 H20
N2 O C10 H20
N2 O C10 H28
N2 O C12 H24
N2 O C24 H36
N2 O2 C8 H20
N2 O2 C16 H28
N2 O3 C16 H32
N2 O4 TI C30 H42
N2 O4 TI C54 H42
N2 O5 TI C32 H28
N2 S C6 H18
N2 S C7 H20
N5 C7 H19
N16 O3 C64 H34
O C8 H18
O C8 H22
O C9 H20
O C10 H18
O C10 H22
O C12 H20
O C12 H22
O C12 H30
O C13 H22
O C14 H24
O C14 H26
O C15 H26
O C20 H26
O C27 H26
O C43 H36
O C48 H30
O C48 H42
O P2 S4 C30 H36
O S2 C6 H18
O S2 C10 H26
O2 C6 H14
O2 C6 H18
O2 F2 H20
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Si2
CONTINUED

O2 C8 H22
O2 C9 H20
O2 C9 H24
O2 C11 H28
O2 C12 H20
O2 C12 H24
O2 C12 H30
O2 C14 H34
O2 C15 H36
O2 C20 H28
O2 C22 H42
O2 C24 H46
O2 C34 H34
O2 C36 H26
O2 P C20 H31
O2 S4 C10 H26
O2 SN C30 H52
O2 TI C46 H40
O3 C10 H22
O3 C10 H26
O3 C12 H10
O3 C14 H30
O3 C15 H24
O3 C20 H26
O3 C25 H28
O3 C36 H26
O3 P C11 H29
O3 P C13 H33
O3 P C15 H37
O3 P C27 H29
O3 P C29 H33
O3 P C37 H33
O3 SN C6 H18
O3 SN C8 H22
O3 TI C12 H30
O4 C22 H46
O4 P C8 H23
O4 P C9 H23
O4 P C12 H31
O4 P C16 H39
O4 TI C20 H48
O5 C10 H18
O5 C10 H20
O5 C12 H26
O5 C14 H20
O5 C18 H30
O5 C18 H38
O5 P C12 H27
O5 P2 S4 C14 H36
O5 P2 S4 C22 H52
O6 C42 H34
O6 C48 H46
O7 C6 H18
O7 P2 C14 H36
O7 SC2
O7 TI C24 H30
O7 Y82
O8 C42 H34
O9 C20 H38
S2 C6 H16
TB
TM
Y
Y8

SI3

C8 H24
C9 H26
C10 H26
C11 H28
C12 H28
C12 H32
C14 H32
C20 H32
C24 H56
C34 H34
C44 H38
C60 H48
AL C15 H39
AL C18 H45
AL2 NA2 O10
AL4 H6 NA4 O17
AS H9
B3 N3 C15 H42
CL C8 H23
CL O2 C7 H21
CL O2 C14 H25
CL2 C8 H22
CL2 C10 H26
CL2 C12 H30
CL2 C14 H34
CL2 C16 H38
CL2 O2 C6 H18
CL2 O2 C7 H20
CL2 O2 C8 H22
CL2 O2 C16 H22
CL3 O P C27 H36
CL3 O3 C6 H15
CL3 O4 C6 H17
CL4 N C25 H63
CL5 O2 C6 H15
CL6 C6 H14
CL6 C8 H18
CL8 C4 H8
F9 O3 C12 H21
LI N3 C36 H32
N C9 H27
N O2 C6 H19
N O2 C11 H29
N O2 C11 H31
N O2 C16 H31
N2 C15 H30
N2 O2 C8 H26
N2 O2 C12 H34
N2 O2 C26 H42
N2 O6 TI C24 H30
N3 C6 H21
N3 C8 H25
N3 C10 H29
N3 C11 H31
N3 C12 H25
N3 C24 H33
N3 O2 C14 H27
N4 C8 H26
N4 C9 H28
N4 C10 H30
N4 C11 H32
N4 C12 H36

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Si3

N6 C15 H36
N8 O2 C68 H46
N8 O4 C70 H50
O C8 H22
O C10 H26
O C11 H30
O C13 H24
O2 C10 H28
O2 C14 H26
O2 C14 H28
O2 C14 H36
O2 C15 H28
O2 C16 H32
O2 C22 H32
O2 S C6 H18
O3 C9 H26
O3 C16 H22
O3 C36 H30
O3 C57 H50
O3 S V C54 H45
O4 C6 H20
O4 C12 H28
O4 C12 H32
O4 C21 H26
O4 C22 H32
O4 SN C8 H24
O4 SN C10 H28
O4 V C54 H45
O7 C24 H50
O8 P C18 H37
O8 P2 C16 H38
O8 TI C31 H38
O10 C22 H44
O16 P4

SI4

C10 H30
C11 H32
C12 H30
C13 H34
C14 H36
C14 H38
C15 H36
C17 H40
C18 H44
C28 H42
C58 H54
AL K O4 C12 H36
AL NA O4 C12 H36
AL O4 SB C16 H48
AL2 NA2 O12
B6 N6 C26 H70
BA MG O10
BA2 O10
BR O4 C8 H23
BR2 O4 C8 H22
BR3 O4 C8 H21
CL C11 H31
CL N O C10 H30
CL O3 C9 H27
CL O3 C16 H31
CL O4 C7 H21
CL O4 C8 H23
CL O4 C15 H29
CL2 C11 H30
CL2 O3 C8 H24
CL2 O3 C9 H26
CL2 O3 C14 H36
CL2 O3 C23 H30
CL4 O4 C8 H20
CL4 O5 C8 H22
CL6 O3 C8 H20
CL8 C4 H8
CL9 O4 C8 H15
CL13 C4 H3
CO O6 C36 H30
FE NA O4 C12 H36
FE O4 SB C16 H48
FE O8 C24 H22
GA K O4 C12 H36
GA LI O4 C12 H36
GA NA O4 C12 H36
GA O4 SB C16 H48
GE O4 C12 H36
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LI N3 C8 H24
LI O4 C12 H36
N O3 C8 H25
N O4 C7 H23
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N2 C10 H30
N2 O3 C16 H42
N2 O3 C28 H48
N2 O7 TI C46 H44
N2 S C12 H36
N2 S2 C12 H36
N3 C8 H25
N3 C9 H29
N3 C39 H41
N4 C4 H20
N4 C8 H28
N6 O12 C44 H64
N8 C16 H48
O C10 H30
O C13 H34
O C14 H38
O C20 H34
O C48 H40
O C48 H42
O2 C17 H44
O2 C48 H40
O2 S2 C8 H24
O3 C12 H34
O3 C13 H32
O3 C14 H34
O3 C16 H32
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O3 C16 H42
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O3 C18 H38
O3 C24 H38
O4 C8 H24
O4 C9 H24
O4 C9 H28
O4 C10 H24
O4 C10 H28
O4 C11 H24

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Si4
CONTINUED

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O4 C12 H24
O4 C13 H26
O4 C14 H28
O4 C15 H30
O4 C16 H32
O4 V C72 H60
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O5 C8 H24
O5 C8 H26
O5 C9 H26
O5 C11 H30
O5 C13 H26
O5 C14 H38
O5 C16 H38
O5 C16 H42
O5 C17 H42
O5 C28 H34
O6 C10 H28
O6 C14 H36
O11 C24 H50

SI5

C14 H40
C16 H42
C17 H44
C20 H48
C36 H52
AL O8 C43 H55
CL C14 H39
CL N O2 C12 H36
CL O4 C11 H33
CL O4 C18 H37
CL2 C14 H38
CL2 O4 C11 H32
CL2 O4 C30 H38
CL7 O4 C10 H25
CL18 O4 C30 H36
N3 C12 H37
N4 C11 H36
O C17 H46
O2 C20 H52
O4 C12 H36
O4 C14 H40
O4 C18 H38
O4 C18 H40
O4 C18 H48
O4 C19 H40
O4 C20 H44
O4 C21 H44
O4 C26 H44
O5 C10 H30
O5 C13 H38
O5 U C15 H45
O5 U C20 H55
O5 U C25 H65
O5 U C30 H75
O6 C10 H32
O6 C16 H44

SI6

C44 H62
AL2 O6 C18 H54
AL6 H6 NA8 O28
BR2 O5 C14 H40
CL N O3 C14 H42
CL2 O5 C14 H40
CL2 O5 C34 H48
CL2 O5 C37 H46
CL6 O5 C20 H42
FE2 O6 C18 H54
GA2 O6 C18 H54
H15 N
N2 O5 C18 H44
N3 C15 H45
N4 C14 H44
N5 C6 H27
N6 O14 C48 H76
O C20 H54
O2 C14 H42
O2 C23 H60
O2 C72 H62
O3 C17 H46
O5 C16 H46
O5 C20 H54
O5 C28 H50
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O6 U C18 H54
O6 U C24 H66
O6 U C30 H78
O6 U C36 H90
O7 C12 H38
O8 C18 H28
O8 C28 H32
O8 C30 H32
O8 C32 H40
O8 C38 H36
O9 C22 H38
O9 P C13 H41
O14 TI C46 H44
O21 P C21 H49

SI7

AL7 N13
BR2 O6 C16 H46
CL2 O6 C26 H66
CL2 O6 C44 H54
N4 C17 H52
N4 C18 H56
N6 C13 H42
O2 C26 H68
O6 C22 H60
O6 C30 H56
O7 C14 H42
O8 C14 H44
O28 P2 C20 H50

SI8

CL2 O7 C51 H62

795

SI8

CL3 O7 C18 H51
CL4 O8 TI C16 H48
F2 MG6 NA2 O22
FE O15 C48 H44
N2 O3 C20 H60
N2 O6 C26 H68
N2 O11 TI C34 H60
N3 O2 C20 H61
N4 C20 H60
N6 O16 C52 H88
NA4 O22 ZR2
O7 C18 H54
O7 C32 H62
O8 C16 H48
O9 C16 H46
O9 C16 H50
O12 C48 H40
O12 SN C8 H24
O12 SN C16 H40
O12 SN C48 H40
O12 TI C56 H68
O13 C18 H30
O13 C40 H38
O13 TI C66 H78
O17 TI C26 H54

SI9

CL2 O8 C58 H70
CL4 O10 TI C63 H72
N2 O12 TI C36 H66
N9 C16 H55
O8 C34 H68
O9 C18 H54
O10 C18 H56
O12 C56 H68
O16 C34 H80
O28 P C20 H45

SI10

CL2 O9 C65 H78
N O10 C26 H65
N2 O5 C24 H72
N2 O13 TI C88 H92
N3 O4 C24 H73
N10 O25 C90 H150
N12 O27 C98 H154
O6 C100 H102
O9 C36 H74
O11 SN C22 H66
O20 TI C20 H44
O42 P7 C8 H20

SI11

N5 O13 C28 H59
O10 C24 H72

SI12

AL FE O21 C72 H60
BR2 O11 C26 H76
N2 O7 C28 H84
N3 O6 C28 H85
N10 O26 C88 H148
O6
O14 C24 H68
O16 TI C84 H100

SI13

O16 C84 H100

SI14

C47 H124
N O14 C34 H89
N14 O35 C133 H224
N18 O27 C118 H212

SI15

N10 O30 C100 H180
N12 O32 C108 H184

SI16

C56 H144
N10 O30 C96 H172
N16 O40 C176 H256
O5 C96 H130

SI18

AL6 O24 C64 H172
N2 O17 C42 H116
N12 O36 C162 H324
N18 O31 C126 H236

SI19

O16 C69 H124
O26 C54 H140

SI20

N2 O23 TI C158 H172
N10 O35 C110 H210

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Si20
CONTINUED

O21 SN C42 H126
O24 TI C40 H124

SI21

O24 P C43 H131

SI22

N18 O35 C134 H260

SI24

N12 O42 C156 H264
N24 O48 C228 H384

SI25

N10 O40 C120 H240

SI26

C91 H234

SI27

N18 O54 C216 H342
N18 O54 C243 H378

SI30

BR2 O29 C62 H184

SI36

N18 O36 C225 H432
O40 TI C372 H220

SI40

N16 O64 C224 H400

SI42

N28 O56 C308 H560
O45 P C85 H257

SI43

N O43 C92 H263

SI44

B O46 C92 H273

SI48

N56 O112 C432 H728

SI50

O51 C100 H302

SI52

BR2 O51 C106 H316
O56 TI C104 H316

SI55

N22 O44 C308 H616

SI60

BR2 O59 C122 H364
N2 O63 TI C138 H372
O65 TI C130 H378

SI70

N60 O135 C490 H880

SI72

CL2 O71 C144 H432
O73 C144 H434

SM

AG3 N6 C6
AL3 B4 O12

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SM

AS O3
B4 CR3 O12
BR3
CL3
CR N9 O6 S6 C24 H15
F9 O6 C15 H12
F9 O6 S3 C24 H12
H N2 O7
I2
N2 O8 C10 H13
N12 C36 H12
O6 C30 H27
O6 C45 H33

SM2

O2 TE
O5 TE
O6 TE

SM4

GA2 O9

SN

C4 H10
C4 H12
C5 H10
C6 H8
C6 H14
C6 H16
C7 H14
C8 H14
C8 H18
C8 H20
C10 H16
C10 H18
C10 H24
C11 H20
C11 H26
C12 H12
C12 H20
C12 H22
C12 H28
C13 H24
C14 H20
C14 H22
C14 H26
C14 H28
C15 H20
C15 H22
C15 H32
C16 H26
C16 H36
C17 H20
C17 H32
C18 H18
C20 H20
C20 H44
C21 H20
C21 H24
C22 H18
C24 H20
C25 H40
C26 H42
C27 H44
C28 H46
C30 H42
C31 H26
C32 H68
C38 H32
AG
AL CL3 C8 H20
AL CL4 C6 H15
AL CL5 C4 H10
AL CL6 C2 H5
AS MN O4 C40 H30
AU
B2 O4 C12 H20
B2 O6 C9 H18
BR C6 H15
BR C9 H21
BR C10 H15
BR C24 H37
BR CL C8 H18
BR CL N2 C18 H26
BR I C30 H26
BR MN O5 C17 H10
BR N SI C8 H24
BR N SI C10 H28
BR O2 C10 H21
BR2 C5 H10
BR2 C14 H28
BR2 C30 H26
BR2 CL4 C28 H20
BR2 MN O5 C11 H5
BR2 N2 C18 H26
BR2 N2 C20 H26
BR2 N4 C32 H36
BR2 O
BR3 MN O5 C5
BR3 N2 C14 H17
BR4 C7 H8
BR4 C14 H28
BR4 N4 C4 H16
BR4 N6 C6 H24
BR4 N8 C8 H32
BR4 O2 C14 H8
BR4 O2 C18 H10
CL C6 H15
CL C9 H13
CL C10 H15
CL C12 H27
CL C18 H39
CL C24 H37
CL C30 H27
CL F3 O9 S3
CL I C30 H26
CL MN O5 C17 H10
CL2 C2 H6
CL2 C4 H6
CL2 C4 H10
CL2 C16 H34
CL2 C26 H22

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Sn
CONTINUED

CL2 C30 H26
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CL2 MN2 O10 C10
CL2 N2 C10 H8
CL2 N2 C14 H18
CL2 N2 C16 H18
CL2 N2 C20 H26
CL2 N2 C22 H18
CL2 N2 C24 H18
CL2 N2 C26 H42
CL2 N2 C28 H42
CL2 N2 O2 C12 H18
CL2 N4 O6 C37 H38
CL2 N4 O6 C37 H40
CL2 N4 O6 C37 H42
CL2 O2 C24 H18
CL2 O4 C12 H22
CL2 O8 C2 H6
CL3 C1 H3
CL3 C2 H5
CL3 FE O2 C7 H5
CL3 MN O4 P C22 H15
CL3 MN O5 C5
CL3 N C4 H12
CL3 N2 C14 H17
CL3 O C2 H15
CL3 O C5 H11
CL3 O C12 H9
CL4 C7 H8
CL4 N4 C4 H16
CL4 N4 O2 C22 H24
CL4 N6 C6 H24
CL4 N8 C8 H32
CL4 N8 O2 C80 H78
CL4 O C4 H8
CL4 O2 C8 H16
CL4 O4 C12 H20
CL4 S C4 H8
CL4 S C6 H10
CL4 S C6 H12
CL4 S C6 H14
CL4 S2 C8 H16
CL4 S2 C12 H20
CL4 S2 C12 H24
CL4 S2 C12 H28
CL4 TI C8 H20
CL5 TI C6 H15
CL6 C24 H24
CL6 C28 H20
CL6 N2 C16 H32
CL6 N2 C18 H32
CL6 N2 C26 H44
CL6 N2 C26 H48
CL6 N2 O2 C16 H28
CL6 N2 O2 C24 H44
CL6 N2 O2 S C10 H10
CL6 N2 O2 S C12 H14
CL6 N2 O2 S C18 H14
CL6 N4 C28 H50
CL6 TI C4 H10
CL7 TI C2 H5
CL8 N2 O4 S2 C12 H14
CL8 TI2 C8 H20
CL9 TI2 C6 H15
CL10 TI2 C4 H10
CL11 TI2 C2 H5
CS F3
CS2 F6
CU
F C24 H37
F2
F2 C8 H18
F2 O S C2 H6
F3 O2 C8 H15
F3 O2 C13 H25
F5 O2 C9 H15
F5 O2 C10 H17
F5 O2 C14 H25
F5 O2 C18 H33
F6 N2 O2
F6 O4 C8 H10
F6 O4 C12 H18
F6 RB2
F7 O2 C10 H15
FL O2 C25 H20
GE S C36 H30
GE SE C36 H30
H2 K4 N2 S2
H8 K4 N4 S2
H8 N2 S3
H16 N4 S4
I C6 H15
I C11 H15
I C11 H25
I N C27 H46
I2 C30 H26
I2 N2 C18 H26
I2 N2 C20 H26
I2 O2 C24 H18
I3 C6 H5
I4 N4 C4 H16
I4 N6 C6 H24
I4 N8 C8 H32
MN O4 C50 H35
MN O4 P C40 H30
MN O5 C23 H15
MN2 O10 C12 H6
MN2 O10 C22 H10
N C5 H15
N C7 H19
N C8 H21
N C9 H15
N C9 H23
N C10 H17
N C10 H25
N C11 H27
N C13 H31
N C14 H33
N C15 H19
N C16 H37
N C20 H17
N C20 H21
N C26 H43
N O2 C6 H15
N O3 C18 H15
N O3 C23 H37
N O3 C28 H23
N O3 C29 H25
N S2 C6 H15
N2 C6 H12
N2 C6 H18

Sn
CONTINUED

N2 C10 H14
N2 C12 H24
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N2 C14 H34
N2 C15 H30
N2 C16 H22
N2 C19 H32
N2 C21 H18
N2 C25 H20
N2 O C12 H20
N2 O2 C12 H6
N2 O4 C4 H6
N2 O4 C10 H10
N3 C3 H9
N3 C5 H11
N3 C9 H13
N3 C10 H27
N3 C12 H27
N3 C14 H29
N3 C18 H15
N3 C18 H31
N3 C20 H17
N3 C24 H19
N4 C8 H24
N4 O2 C32 H40
N4 O8 C8 H12
N4 S2 C20 H26
N6 C8 H14
N6 C12 H22
O C2 H6
O C8 H20
O C10 H24
O C12 H10
O C13 H30
O C16 H36
O C17 H38
O C18 H32
O C18 H38
O C19 H18
O C20 H36
O C25 H22
O C25 H40
O S C25 H20
O SI C23 H44
O2 C10 H14
O2 C10 H22
O2 C11 H22
O2 C13 H20
O2 C14 H28
O2 C14 H30
O2 C14 H32
O2 C15 H32
O2 C16 H36
O2 C19 H32
O2 C20 H42
O2 C21 H20
O2 C21 H38
O2 C22 H32
O2 C22 H44
O2 C25 H38
O2 C27 H38
O2 C28 H32
O2 S C12 H20
O2 S C13 H22
O2 S C23 H18
O2 SI2 C30 H52
O3 C23 H18
O3 S C25 H22
O3 SI2 C6 H18
O3 SI2 C8 H22
O4 C10 H8
O4 C10 H18
O4 C12 H20
O4 C12 H22
O4 C12 H24
O4 C13 H24
O4 C14 H6
O4 C14 H26
O4 C16 H16
O4 C17 H32
O4 C18 H20
O4 C18 H34
O4 C20 H44
O4 C22 H26
O4 C22 H28
O4 C24 H20
O4 C24 H44
O4 C24 H48
O4 C26 H50
O4 C28 H60
O4 C48 H36
O4 SI3 C8 H24
O4 SI3 C10 H28
O5 C13 H24
O5 C14 H26
O5 C15 H28
O5 C16 H30
O5 C18 H34
O6 C14 H26
O6 C16 H30
O6 C18 H34
O6 C20 H38
O6 C22 H26
O6 C23 H20
O6 C24 H30
O6 C26 H50
O6 C28 H54
O6 C31 H42
O8 C16 H28
O8 C16 H30
O8 P4 C24 H56
O11 S110 C22 H66
O12 S18 C8 H24
O12 S18 C16 H40
O12 S18 C48 H40
O21 S120 C42 H126
P8 S C36 H30
S C12 H10
S C24 H20
S2 C24 H20
SI C13 H24

SN2

C40 H34
C42 H70
C46 H38
AL CL3 C16 H40
AL CL5 C12 H30

SN2

AL CL7 C8 H20
AL CL9 C4 H10
CL2 O4 C28 H24
CL2 O4 C30 H44
CL2 O4 C38 H28
CL4 O4 C28 H22
CL4 TI C16 H40
CL6 O4 C28 H20
CL6 TI C12 H30
CL8 TI C8 H20
CL10 TI C4 H10
F6 O4 C28 H20
N C7 H21
N C8 H23
N2 O14 C10 H18
O C14 H34
O C18 H42
O C22 H50
O2 SI C28 H64
O4 C26 H22
O4 C28 H26
O4 C30 H46
O4 C36 H42
O4 C38 H30
O4 C40 H50
O4 C40 H82
O4 S2 C34 H26
O5 C22 H30
O6 C34 H26
O6 C38 H30
O7 C48 H38
O7 C72 H54
O8 C24 H56
S C24 H54
S C36 H30
SE C36 H30
TE C36 H30

SN3

CR2 H6 U18 P6
N C9 H27
N3 C12 H33
O6 S3 C72 H54
S3 C24 H54
S3 C36 H30

SN4

CL34 N6 O18 S9 C48 H66

SN5

C60 H50

SN6

C72 H60
C72 H62

SN13

I2 C156 H130

SR

AL2 C16 H40
BR2 O6 C4 H6
CL2 O12 C8 H16
CO2 O10 C10
F O3 P
F12 P2
LA2 S4
N2 O4 C2 H2
N6 O10 C24 H40
O C13 H8
O2 C26 H18
O4 S
O6 C4 H4
O6 C4 H6
O6 C4 H8
O6 C5 H6
O6 C5 H10
O6 TA2
O7 C5 H6
O9 TI C4
O10 C8 H10
O10 C12 H22
O12 C8 H10
O14 C10 H14

SR2

MG17
N5 O10 R8

SR3

CR2 H6 O18 P6
GE3 O9

T

C7 H7
C8 H9
C14 H11
C15 H13
B F3 H2 O4 P
BR O C8 H8
CL O2 C7 H14
CL S2 C7 H14
I N C5 H13
I N C6 H15

T
CONTINUED

LI
LI O
N C5 H6
N C8 H10
N C13 H8
N O C8 H10
N O2 C7 H6
N O3 C5 H8
N2 O7 C21 H21
N2 O7 C22 H23
N2 O8 C22 H23
N3 O9 C21 H20
N3 O9 C22 H22
N4 O4 C18 H21
O C8 H7
O C8 H9
O C9 H11
O C28 H49
O2 C2 H3
O2 C19 H25
O2 C19 H27
O3 C11 H11
O4 C8 H5
O6 C6 H11
O8 P2 C11 H11
S2 C7 H13

T2

MO2 O10 C22 H30
N O4 C15 H13
N7 O18 P3 C39 H68
O
O2 C19 H34
O3 C18 H32
O3 C18 H34

T3

O8 P2 C11 H9

T4

CL N O4 C8 H6

TA

BR5
BR5 S C2 H6
BR5 S C4 H10
BR5 S2 C8 H16
CL5 S C2 H6
CL5 S C4 H10
CL5 S2 C4 H12
CL5 S2 C8 H16
CS O3
I5 S C4 H10
I5 S2 C8 H16
K O3
K3 O8
LI O3
N4 C14 H35
N4 C16 H40
N4 C19 H45
N4 C20 H48
N4 C21 H49
N4 C28 H63
N5 C10 H30
N5 C20 H50
N5 C25 H50
N5 C25 H60
N5 C30 H70
N5 C40 H90
NA O3
NA3 O8
NI
NI2
O3 R8
O5 C15 H35
O5 C20 H45

TA2

BA O6
BE O6
CA O6
FE O6
N2 O9 C29 H71
N2 O10 C32 H78
NI
O6 SR

TA3

O20 P5

TB

AL3 B4 O12
CR N9 O6 S6 C24 H15
H3 O3
NA2 O3
O2
O6 C6 H9
SI2

TB4

AL2 O9
GA2 O9

TC

AL CL4 C12 H12

TC

BR O5 C5
CL O5 C5
CL6
F6 P C12 H12
H O4
H8 K2
I O5 C5
O2
O3 C8 H5

TC2

C10 H10
BR2 O8 C8
CL2 O8 C8
I2 O8 C8

TE

C5 H8
C6 H14
C14 H14
C18 H12
BR2 FE O3 C15 H10
CO
CL2 C16 H12
CL2 I2 C16 H12
CL2 O C18 H16
CL2 O2 C23 H20
CL2 O2 C27 H22
CL2 O3 C25 H22
CL2 O3 C29 H24
CL2 O4 C34 H30
CL3 C12 H15
CL3 C16 H17
CL3 N3 O6 C6 H15
CL3 O C18 H19
CL3 O2 C23 H25
CL4 C8 H6
CL4 C14 H10
CL4 C16 H12
CL4 N2 C4 H10
CL4 N2 C5 H6
CL4 N2 C8 H12
CL4 N2 C10 H14
CL4 N2 C10 H16
CL4 N2 C10 H22
CL4 N2 C12 H14
CL4 N2 C14 H18
CL4 N2 C16 H22
CL4 N2 C18 H14
CL4 N2 C20 H30
CL4 N2 C24 H22
CL4 N2 C26 H26
CL5 N2 C4 H11
CL5 N2 C5 H7
CL6 N2 C10 H24
CU2 O5 C5
DY2 O2
EU2 O2
EU2 O6
F5 N O
FE N2 O3 C13 H10
FE O4 C16 H10
GA
GD2 O2
GD2 O5
GD2 O6
H2 I6
H28 O52 W12
I2 C16 H10
I2 C18 H14
I2 FE O3 C15 H10
I2 O3 C25 H24
LA2 O2
LA2 O5
LA2 O6
MN N3 O3 C12 H10
NA2 O3
ND2 O2
ND2 O5
ND2 O6
O C18 H16
O2 PR2
O2 S2 C13 H12
O2 SM2
O3 C8 H5
O3 C25 H24
O3 S2 C14 H14
O4 C4 H8
O5 PR2
O5 SM2
O5 U
O6 PR2
O6 SM2
O8 C8 H8
O8 C12 H16
O8 C16 H8
O8 C20 H32
O8 C28 H20
O8 C48 H92
O8 C56 H108
O8 C64 H124
O8 C72 H140
O10 C8 H8
O12 C28 H20
O18 C28 H16
O20 C28 H20
S C12 H10
SI ZR
SN2 C36 H30
ZN

TE2

BR MN O3 C27 H20
BR2 HG3
BR6 HG5
CL MN O3 C27 H20
CL MN O5 C27 H16
CL2 C28 H20
CL2 HG3
CL6 HG5
FE2 O8 C20 H14
HG3 I2

Te2
CONTINUED

I MN O3 C27 H20
MN2 O8 C20 H10
NA2 O5

TE3

GA2

TE4

NA2 O9
TI3

TE19

OS10 SB

TH

C20 H20
AS4 O8
CA O4 P
CL H3 O3
CL O6 C24 H21
CL O9 C21 H15
CL2 O4 C16 H14
CL3 O2 C8 H7
CL4 N C6 H7
CL4 N4 C8 H20
CL4 N4 C10 H12
CL4 N4 C16 H24
CL4 N4 C20 H28
CL4 N4 C20 H32
CL4 N4 C20 H44
CL4 N4 C28 H36
CL4 N4 C32 H44
CL4 N4 C40 H60
CL4 N4 C48 H44
CL4 N4 C52 H52
CS4 N8 S8 C8
IR
K4 O13 C5
K6 O16 C6
MO2 O8
N O6 C7 H9
N2 O4 C26 H18
N2 O8 C14 H18
N4 O8 C24 H24
N4 O16 C28 H40
NA O11 C6 H11
NA O17 C12 H17
NA2 O18 C12 H18
NA4 O16 C8
NA6 O15 C5
NA8 O19 C7
NA8 O20 C8
NA10 O23 C9
O2
O6 C4 H8
O7 C14 H10
O8 C8 H8
O8 C12 H16
O8 C16 H8
O8 C16 H20
O8 C20 H32
O8 C36 H28
O8 C48 H92
O8 C56 H108
O8 C64 H124
O8 C72 H140
O8 P4 C24 H56
O8 S3 C21 H14
O10 C8 H8
O12 C8 H8
O12 C16 H28
O12 C32 H28
O14 C10 H12
O24 C48 H80
O27 C54 H90
O72 C144 H240
O84 C168 H280
RH2
RU

TH2

C1 H2
AS4 O10
CL2 O15 C12 H12
CL4 N8 O28 P4 S4 C44 H24
H6 O10 S
O26 C18 H26

TH3

C1 H4
AS4 O12
CL2 H4 O4
H11 N O14
O28 C24 H20

TI

C8 H14
C10 H10
C12 H16
AL3 N8
AL CL C14 H20
AL CL2 C2 H4
AL CL2 C12 H16
AL CL3 C11 H13
AL CL3 C12 H16
AL CL4 C10 H10
AS2 BR4 C10 H16
AS2 CL4 C10 H16
AS4 BR4 C20 H32
AS4 CL4 C20 H32

TI

BA O9 C4
BR2 O
BR3 N2 C6 H18
BR3 N3 C15 H15
BR4 N C3 H9
BR4 N2 O2 C12 H14
BR4 N2 O4 C14 H14
BR4 N4 C10 H12
BR4 N4 C12 H16
BR4 N4 C16 H24
BR4 N4 C48 H40
BR4 N4 O2 C16 H20
BR4 N4 O4 C28 H28
BR4 N4 O4 C32 H36
BR4 N4 O4 C36 H28
BR4 N4 O8 C28 H28
BR4 N6 O4 C4 H10
BR4 N8 O4 C4 H16
BR4 N8 O8 C24 H24
BR8 MO12 N4 O44 C36 H24
CA O9 C4
CL C10 H10
CL C11 H13
CL O C10 H15
CL O SI C28 H25
CL O3 C6 H15
CL O3 C12 H27
CL O3 C18 H39
CL O3 C21 H45
CL O6 C24 H21
CL2 C12 H14
CL2 C14 H18
CL2 C22 H34
CL2 GE2 C46 H38
CL2 O2 C4 H10
CL2 O3 C12 H14
CL2 O4 C12 H12
CL2 O4 C16 H14
CL2 O4 C20 H18
CL3 C10 H15
CL3 H
CL3 N C7 H9
CL3 N2 C6 H18
CL3 N2 C12 H14
CL3 N3 C6 H9
CL3 N3 C15 H15
CL3 N3 C18 H21
CL3 O C2 H5
CL3 O SI C1 H3
CL3 O2 C8 H7
CL3 O2 C10 H9
CL3 O3 C9 H18
CL3 O3 C12 H24
CL3 O4 C8 H16
CL4 N C3 H9
CL4 N C6 H15
CL4 N2 C4 H6
CL4 N2 C10 H10
CL4 N2 C18 H14
CL4 N2 O C5 H8
CL4 N2 S C5 H12
CL4 N4 C4 H16
CL4 N4 O2 C2 H8
CL4 N4 O2 C6 H16
CL4 N4 S2 C2 H8
CL4 N6 C6 H24
CL4 N8 C8 H32
CL4 O SI C1 H4
CL4 O2 C4 H8
CL4 O2 C8 H16
CL4 O8 SI8 C16 H48
CL4 O10 SI9 C63 H72
CL4 SN C8 H20
CL4 SN2 C16 H40
CL5 CS2 H2 O
CL5 H2 K2 O
CL5 H2 O R82
CL5 H10 N2 O
CL5 O2 C4 H7
CL5 SN C6 H15
CL6 N O2 S C8 H11
CL6 N2 O2 S C10 H10
CL6 N2 O2 S C12 H14
CL6 N2 O2 S C18 H14
CL6 O2 C4 H6
CL6 O4 C8 H14
CL6 SN C4 H10
CL6 SN2 C12 H30
CL7 O2 C4 H5
CL7 SN C2 H5
CL8 SN2 C8 H20
CL10 SN2 C4 H10
F2 O
F3 N C4 H10
F3 N C6 H14
F4 N C5 H5
F4 N C6 H15
F4 N2 C10 H10
F6 N2 C4 H12
F6 N2 C8 H24
F6 N2 C10 H12
F6 N2 C12 H32
F6 N2 O2
F6 N2 O2 C8 H20
F6 O4 C14 H10
F14 O4 C18 H10
H2 F6
H3 F5 O
H4 F4 O2
LI O2
MO12 N4 O40 C8 H32
MO12 N4 O40 C20 H24
MO12 N4 O40 C36 H32
MO12 N4 O44 C36 H32
MO12 N9 O43 C39 H55
MO12 N12 O40 C4 H24
MO12 N16 O40 C24 H52
N O4 C8 H21
N O4 C8 H22
N O4 C11 H27
N O4 C14 H33
N O4 C21 H33
N2 C6 H14
N2 C8 H18
N2 C12 H10
N2 C12 H22
N2 O3 C18 H12
N2 O4 C8 H22
N2 O4 C10 H26
N2 O4 C12 H30
N2 O4 C12 H32

Ti
CONTINUED

N2 O4 C14 H36
N2 O4 C18 H14
N2 O4 C26 H14
N2 O4 C26 H30
N2 O4 SI C20 H18
N2 O4 SI C25 H20
N2 O4 SI2 C30 H42
N2 O4 SI2 C54 H42
N2 O5 SI2 C32 H28
N2 O6 SI3 C24 H30
N2 O7 SI4 C46 H44
N2 O11 SI8 C34 H60
N2 O12 SI9 C36 H66
N2 O13 SI10 C88 H92
N2 O23 SI20 C158 H172
N2 O63 SI60 C138 H372
N3 O4 C8 H23
N3 O4 C9 H25
N3 O4 C10 H27
N4 O4 C8 H24
N4 O14 C14 H4
N4 O16 C28 H16
N9 O9 C36 H18
NA O2
O C5 H14
O2 SI2 C46 H40
O3 SI C3 H6
O3 SI2 C12 H30
O4 C2 H8
O4 C4 H12
O4 C8 H20
O4 C10 H24
O4 C12 H28
O4 C13 H20
O4 C14 H32
O4 C16 H26
O4 C16 H36
O4 C19 H32
O4 C20 H44
O4 C23 H50
O4 C24 H52
O4 C28 H60
O4 SI2 C20 H48
O5 C14 H18
O5 C16 H24
O5 C19 H30
O5 C22 H36
O5 C28 H24
O6 C14 H8
O6 C14 H22
O6 C15 H21
O6 C22 H22
O6 C24 H28
O6 C26 H32
O6 C28 H36
O6 C32 H28
O6 SI C17 H22
O7 SI2 C24 H30
O8 C8 H8
O8 C12 H16
O8 C20 H24
O8 C20 H28
O8 C28 H20
O8 C32 H28
O8 C36 H28
O8 C48 H92
O8 C56 H108
O8 C64 H124
O8 C72 H140
O8 SI3 C31 H38
O9 PR C4
O9 SR C4
O10 C8 H8
O12 S18 C56 H68
O13 S18 C66 H78
O14 S16 C46 H44
O16 SI12 C84 H100
O17 S18 C26 H54
O20 SI10 C20 H44
O24 SI20 C40 H124
O40 SI36 C372 H220
O56 SI52 C104 H316
O65 SI60 C130 H378

TI2

CL6 MO
CL8 N2 S C13 H12
CL8 N4 O2 C26 H24
CL8 SN C8 H20
CL9 SN C6 H15
CL10 SN C4 H10
CL11 SN C2 H5
N2 O8 C18 H48
N2 O8 C26 H64
N6 C16 H42
N6 C20 H50

TI3

SE4
TE4

TI4

I3 MG3 O7 C26 H71
O8 C40 H64

TI5

O10 C50 H80

TI6

N14 C56 H130
O12 C60 H96

TI14

N30 C120 H274

Ti16

806

N34 C136 H310

TL

BR3 N2 C10 H8
CL2 N O5 S C11 H13
CL3 N2 C10 H8
CL3 N2 O3 C28 H30
CL3 N4 C20 H16
CL4 N4 O C40 H39
CL6 CO H18 N6
CO F3
CR H O6
CR H3 O9 P3
CU F3
I3 N2 C10 H8
I4 K
I4 N C6 H8
I4 N2 O2 C7 H9
N C3 H6
O2 C15 H13
O2 C16 H15
O2 C21 H17
O4 C10 H11
O4 C12 H13
O4 C15 H19
O4 C16 H21
O5 C13 H15
O5 C13 H17
O6 C16 H21
O6 C18 H25
PT S3

TL2

CL5 IN
CO F4
CU F4
GE4 O9
O18 C12 H12

TL3

CL6 IN
IR3 S

TM

LI O2
O6 C6 H9
SI2

TM4

AL2 O9

U

C20 H20
AS2 O6 C16 H36
AS4 CL2 O10 C32 H40
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BR2 N4 O4 C24 H16
CL2 N2 O2 C12 H8
CL2 N2 O3 C10 H10
CL2 N2 O4 C4 H10
CL2 N2 O4 C16 H12
CL2 N4 O2 C24 H16
CL2 N4 O4 C24 H16
CL2 N4 O14 C16 H36
CL2 N8 O6 C4 H16
CL3 N4 O4 C22 H21
CL4 K2 O2
CL4 N2 O2 C10 H10
CL4 N4 O2 C20 H18
CL4 N4 O2 C24 H18
CL4 N6 O22 C18 H42
CL4 N6 O22 C24 H54
CL4 N8 O24 C24 H56
CL5 N2 O9 P C4 H10
CO2 N12 O15 C5 H36
CS F3 O2
CS2 F4 O2
CS2 N6 O18
CS3 F5 O2
F5
F5 H4 N
F6 H4 N
F6 H8 N2
F6 N O
F6 R8
F7 H4 N
H O11 P3
H3 K3 N10 O30
H4 O5
H8 N8 O18
I2 N4 O4 C24 H16
K N4 O14
K2 N4 O14
K2 O4
K6 O15 C5
K7 O18 C7 H1
MG N6 O18
N O4 C13 H9
N O4 C17 H11
N O7 C4 H5
N O7 S C2 H5
N O9 C11 H7
N2 NA2 O14 C6 H8
N2 NA2 O16 C8 H8
N2 O4 C18 H18
N2 O5 C12 H12
N2 O6 C12 H8
N2 O6 C14 H14

U

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N2 O6 C16 H14
N2 O6 C26 H20
N2 O7 C3 H4
N2 O8 S C4 H10
N2 O10 C4 H16
N2 O11 C5 H14
N3 O7 C12 H11
N3 O9 S C6 H15
N4 O4 C24 H18
N4 O4 C26 H22
N4 O4 C28 H26
N4 O4 C32 H22
N4 O4 C36 H30
N4 O4 C40 H30
N4 O8 C10 H8
N4 O8 C34 H22
N4 O10 C4 H10
N6 O8 C24 H12
N6 O9 C5 H12
N6 O14 C10 H10
N6 O18 R82
N6 O18 ZN
N8 O14 C20 H18
N8 O18 C10 H10
N8 O18 C10 H12
N8 O18 C18 H16
N8 O18 C20 H10
N10 O12 C7 H22
N10 O13 C8 H22
N10 O18 C10 H14
N12 O13 C5 H20
N12 O15 C8 H30
N12 O16 C12 H24
N14 O14 C6 H24
N18 O15 C11 H36
NA6 O15 C5
O3
O5 C1
O5 C3 H5
O5 C8 H6
O5 C10 H25
O5 SI5 C15 H45
O5 SI5 C20 H55
O5 SI5 C25 H65
O5 SI5 C30 H75
O5 TE
O6 C30 H66
O6 P2 C12 H28
O6 SI6 C18 H54
O6 SI6 C24 H66
O6 SI6 C30 H78
O6 SI6 C36 H90
O8 C6 H10
O8 C16 H12

U2

CO O6
CO2 O7
CL4 K2 O5
CL6 K2 U4
F9
FE N6 O4 C6
H9 N O9
K2 O6
K16 O38 C14 H2
MG O6
N4 O10 C28 H24
N4 O10 S C20 H18
N4 O10 S C24 H16
N4 O11 S C24 H20
N4 O21 C9 H30
N26 O28 C18 H56
NA4 O21 C5 H12
O6 R82
O7 P82

U3

CL4 K2 O8
CL8 K2 O6
CR2 H6 O24 P6
H13 N O14
H14 N2 O13
K2 O10
SE5

U5

FE3 N18 NA2 O10 C18

U6

CS8 FE5 N30 O12 C30
FE5 K8 N30 O12 C30
FE5 N30 O12 R88 C30

U8

CS12 FE7 N42 O18 C42
FE7 N42 O16 R812 C42

V

AS CL4 C19 H18
AS CL4 N2 C23 H24
AS4 CL2 O5 C72 H60
AS4 CL2 O13 C72 H60

V

CONTINUED

808

AS4 CL4 C20 H32
BA N2 O6 C14 H11
BR N O4 C13 H10
BR N2 O6 C13 H9
BR3 N2 C6 H18
BR4 N3 C12 H26
CL N O4 C13 H10
CL2 N5 O14 C25 H25
CL2 O3 P2 C36 H30
CL2 O13 P4 C72 H60
CL3 N O C9 H7
CL3 N O C10 H9
CL3 N O C13 H9
CL3 N2 O C12 H8
CL3 N2 O C12 H10
CL3 O3 C14 H8
CL3 O3 C18 H10
CL3 O3 C20 H32
CL3 O3 C26 H16
CL3 O3 C26 H20
CL3 O4 C12 H32
CL3 S2 C4 H12
CL3 S2 C8 H20
CL4 N3 C12 H26
CL5
CU N10 O8 C22 H31
CU N12 O6 C18 H25
F2
F2 O
F6 N O
F6 N O2
F8 SE
H5 F7
I4 N3 C12 H26
K O7 C4 H3
K3 O8
LA O4
N O4 C13 H11
N O4 C21 H17
N2 O4 C15 H11
N2 O4 C16 H13
N2 O5 C12 H12
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N2 O5 C20 H13
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N2 O6 C15 H15
N2 O6 C16 H17
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N2 O6 C20 H13
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N2 O6 C24 H20
N2 O6 C28 H30
N2 O7 C24 H20
N3 O5 C25 H17
N3 O5 C26 H19
N3 O5 C32 H23
N3 O6 C23 H19
N3 O6 C30 H18
N3 O7 C28 H21
N4 C16 H40
N4 O10 C20 H12
N4 O17 P2 S2 C22 H30
N5 O S2 C17 H15
N6 O6 C24 H12
NA O7 C4 H3
NA3 O8
O3 S S13 C34 H45
O4 C4 H12
O4 C8 H20
O4 C12 H27
O4 C12 H28
O4 C16 H36
O4 C20 H44
O4 C24 H92
O4 C28 H60
O4 SI3 C54 H45
O4 SI4 C72 H60
O6 C3 H3
O8 C4 H4
P6 C18 H48

V2

AL4 H24 O28 P2
AL4 H32 O32 P2
BR2 N4 O17 C30 H36
BR6 N4 C8 H12
CU3 O8
K4 O11

V3

AS4 O16 C84 H60
LA O9
N4 O12 P4 C84 H64
N6 O18 C30 H42
N6 O18 C36 H54
N6 O18 C54 H42
N6 O24 C42 H54
O12 P4 C88 H68
O16 C20 H24
O16 C30 H20
O16 C64 H40
O17 C10 H10
O18 C18 H24
O18 C24 H24
O18 C30 H36
O18 C36 H48
O18 C48 H60
O18 C54 H30
O18 C54 H36
O18 C60 H48
O20 C28 H32
O24 C30 H30
O24 C33 H36
SE4

V5

H5 O15

V6

809

H8 N2 O16
K2 O16
NA H O16
O16 R82

V8

K2 O21

V9

CA2 H16 O32

W

AG O6 P
AS2 O4 C30 H24
B4
BA O4
BA3 O6
B12 O6
B16 O12
BR2 N2 O3 C13 H8
BR2 O3 S2 C7 H10
BR3
BR4
CD N10 C8 H6
CD N12 C8 H8
CD2 N10 C8 H6
CD2 N12 C8 H8
CL2 N2 O3 C34 H24
CL2 N4 C12 H32
CL2 N4 C16 H40
CL2 N4 O7 C34 H22
CL3 N3 C6 H20
CL3 N3 C10 H32
CL3 N3 C12 H30
CL3 O5 P C5
CL6 N2 C2 H10
CL6 N2 C4 H16
CL6 N2 C8 H24
CL6 N3 C6 H23
CL6 N4 C4 H20
CL6 N8 C16 H56
CL6 O4 P2 C4
CO3
F3 O5 C10 H5
F4 O3 C10 H6
F6
F6 O4 P C9 H5
H2 S4
I2 N2 O3 C13 H8
I2 O3 S2 C7 H10
K U6 P
K3 O3 C9 H3
K3 O3 C12 H9
K3 O3 C27 H15
LI O6 P
MN N10 C8 H6
MN N12 C8 H8
MN2 N10 C8 H6
MN2 N12 C8 H8
N O5 C7 H3
N2 O4 C8 H6
N2 O4 C14 H8
N3 O3 C9 H9
N8 O6 C80 H78
NA O6 P
O2 P4 C54 H48
O3 C10 H8
O3 C11 H10
O3 P3 C21 H45
O4 P2 C16 H30
O4 P2 C30 H24
O4 S2 C8 H10
O5 C5
O5 C7 H2
O5 P C11 H15
O6 C18 H24
O14 C4 H8
P6 C18 H48

W2

AS6 O6 C84 H72
O4 S2 C16 H16
O6 P6 C84 H72
O17 C4 H8
ZR

W3

B12 O12

W6

K8 MN O24

W12

AL H5 O40
BA3 CU O40
CO O37
CU H6 O40
M4 MN O40
N28 O52 TE
O37 ZN
O38 SI
O40 P

W24

AS8 M32 O100
B2 O75
BA5 CR2 O80

W24

CONTINUED

810

CR2 H10 O80
CS6 CU2 O77
FE2 O75

XE

F
F O
F2
F2 O
F3
F3 O
F4
F4 O
F6 PT
O

Y

C1
AL3 B4 O12
AS O3
CR N9 O6 S6 C24 H15
LI O2
N6 O3 C42 H48
O12 P3 C48 H72
O16 P4 C64 H97
O21 C18 H21
SI2

Y2

C3
CA2 GE2 O9
CA2 O9 SI2
CR S4
FE S4
FE2 S5
N6 O24 PR2 C30 H36
O15 C12 H12

Y4

AL2 O9
CR S7
FE S7
GA2 O9
N2 O16 C10 H20
N6 O24 C30 H36
O30 C18 H30

Y8

AL3 B4 O12
AS O3
BR3
CL3
I3
LI O2
O6 C4 H5
SI2

Y82

O7 SI2

Y84

AL2 O9

ZN

C2 H6
C14 H10
C14 H14
C16 H10
AS2 BR2 C10 H16
AS2 BR2 C12 H30
AS2 CL2 C12 H30
AS2 CL4 C38 H36
AS2 I2 C10 H16
AS2 I2 C12 H30
AS2 O4 C16 H36
AS4 CL2 O8 C20 H32
B2 F8
B2 F8 N4 C8 H12
B2 O4 C14 H22
B2 O6 C5 H8
B11 H25 N4
BR CL2 N2 C19 H13
BR I2 N2 C19 H13
BR N2 O C14 H15
BR2 N2 C4 H14
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CL2 N2 C8 H22
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CL2 N4 C24 H16
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CL2 N6 C2 H10
CL2 N6 O8 C30 H22
CL2 N7 O8 C39 H25
CL2 N12 O12 P4 C24 H72
CL2 O24 C20 H52
CL2 P C2 H7
CL2 P2 C8 H22
CL2 P2 C12 H30
CL3 N C7 H6
CL3 N2 C18 H15
CL3 N2 O2 C17 H15
CL3 O2 C4 H9
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CL4 CU N4 C12 H26
CL4 N4 NI C12 H26
CL4 N4 NI C12 H28
CL4 N8 O2 C80 H78
CL7 P C4 H8
CR2 O4
GE3 LI2 O8
H4 N2
H6 N4 O6
I C2 H5
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I C4 H7
I C4 H9
I C7 H7
I C9 H7
I C9 H9
I C10 H9
I2 N2 C4 H14
I2 N2 C11 H10
I2 N2 C15 H12
I2 P2 C12 H30
K2 N4 C4
N C13 H17
N O2 C13 H9
N O2 S C3 H5
N O4 C4 H5
N O4 P C5 H6
N2 C2 H8
N2 C4 H8
N2 C12 H12
N2 C12 H14
N2 C14 H14
N2 C14 H18
N2 C16 H16
N2 O2 C6 H14
N2 O2 C12 H6
N2 O2 C26 H40
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N2 O4 C2 H2
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N4 C9 H24
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N4 O2 C28 H30
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N4 O4 C10 H10
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N4 O6 S3 C30 H20
N4 O8 C44 H48
N4 S2 C24 H16
N4 S2 C26 H20
N6 O4 C12 H16
N6 O6 C24 H12
N6 O14 C20 H44
N6 O18 U
N8 C24 H22
N8 C36 H42
N8 C40 H24
N8 O2 C26 H30
N8 O4 C10 H12
NA O9 P3
NA2 O12 P4
NA4 O18 P6
O2 C14 H14
O4 C10 H8
O4 C14 H6
O4 C18 H30
O4 C18 H32
O4 C22 H38
O4 C24 H26
O4 C30 H22
O4 C36 H66
O4 P2 C14 H16
O4 P2 C24 H20
O4 P2 S4 C12 H28
O6 C10 H16
O6 C12 H20
O10 C40 H34
O18 C18 H22
O37 W12
P2 C24 H20
SE
TE

Zn2

812

N4 O4 C36 H20
O7 P3 S6 C18 H43
O7 P3 S6 C24 H55

ZN3

CR2 H6 O18 P6
N6 O6 C42 H24
O9 C12 H31

ZN4

CL8 O8 C40 H96

ZR

AS4 CL4 C20 H32
BA O9 C4
BR O6 C45 H33
BR4
BR8 M012 N4 O44 C36 H24
CL O3 C9 H21
CL O6 C24 H21
CL O6 C45 H33
CL O6 C48 H39
CL2 O2 C4 H10
CL2 O4 C16 H14
CL4 N2 O2 C12 H22
CL6 K2
CS N3 O S3 C3
CS4 M012 O40
F2 O
F3 K O
F6 N2 O2
H4 M012 O40
H16 M012 N4 O40
I O6 C45 H33
I3
I4
K N3 O S3 C3
M012 N4 O40 C20 H24
M012 N4 O40 C36 H32
M012 N4 O44 C36 H32
M012 N12 O40 C4 H24
M012 N16 O40 C24 H52
N
N O3 C9 H7
N O4 C9 H9
N O6 C6 H7
N O7 C2 H7
N O9 C45 H33
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N2 O3 C18 H12
N2 O4 C12 H32
N2 O4 C18 H14
N2 O4 C26 H18
N2 O9 C4 H8
N2 O10 C30 H22
N3 O R8 S3 C3
N3 O4 C27 H19
N4 O S3 C3 H4
N4 O S3 C8 H6
N4 O4 C36 H24
N4 O5 C36 H26
N4 O6 C12 H12
N4 O6 C36 H28
N4 O12
N5 O5 C45 H31
N8 S6 C16 H12
NA O7 C2 H3
NA2 O9 C4
O4 C12 H28
O5 C2
O5 P2 C12 H28
O8 C32 H28
O8 C60 H44
O8 C64 H52
O8 C84 H60
O8 C92 H60
O8 C108 H76
S SI
SE SI
SI TE
W2

ZR2

BR O14 C4 H6
CL2 O12 C2 H12
N2 O
N2 O8 C26 H64
NA4 O22 SI8
O7 C4 H6
O8 S
O10 C8 H12
O12 C2 H10
O12 C10 H16

ZR3

K2 O7
O11 S
O24 S3 C90 H66

ZR4

F14 O
N4 O2
O17 C12 H18

ZR7

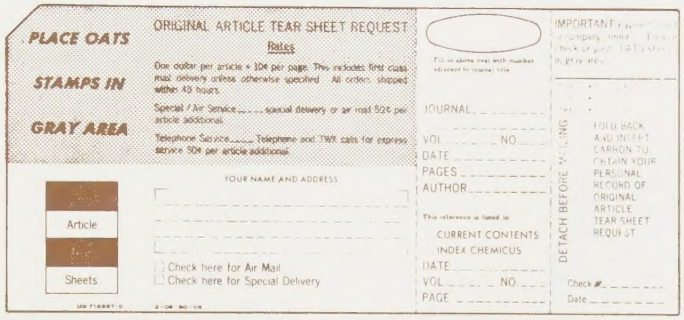
N2 O11
N4 O8

NOTES

NOTES



plus



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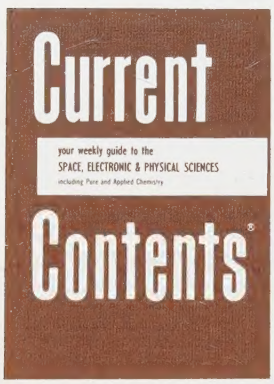
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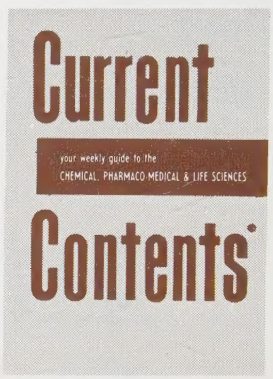
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